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7$% =1C /= 2 E I D=$="$ 6 7 &=#1 C#$1%#1 "1 I /=$ 2= E2=$J. <$F"$F C 6 /$=CC= &%1.= DF$ 2= EKFD 2$E I .1$%D%2 1F "= /= 7F$ C 6 DD%C 1 %"= /= 2 FKK. I =$L 6 F/$E (C= =C1 D$.C="1.= =1 2#= M $E I D=$=#$F#1$= I ="1 N# =22= " F&F 1 .1.' &%2.= 6 .D%"C= /= $= I D=$=#$ F# EOFD 1$= 6 ! % I K$=#C=C F/O.C %"C ="&%L.=C / 1F2 = M 2 F/$=CC= /# EOFD 1$= /= 7F$ C 6 22=C C%"1 C#$1%#1 D$%&%N#.=C D%#$ FJ $ C#$ 2 =CD$ 1 /# DFD= M F&%#E 6 =C1 I F /N $= I 5=$E#$ D%#$ 2= E2=$J. <$F"PF C <%$1 ="1F I .= DF$ 2F E% I D2F CF"E= /%"1 F <F 1 D$=#&= 2= EOFD 1$= 2= 7F$ C 6 C%"J= M $. J2=$ DF$ &% = 2. J C2F1 &= 2=C N#=C1 %"C D=" /F"1=C F&=E 2= CF "1+C QJ= 6 %#$/= %DD%C 1 %"= /=C I = I K$=C 2=C D "C E%"C /. $FK2=C /= C%" E%"C= 2 / F1 6 "E=$2 2" /=C = $= I D=$=#$ 6 2 "= &="1 DF C N#= 2= D E C #EE" = =" F"= I "R <FP%" /=C F4F$=C $= J = C= C 6 2 .& 1= /= DF$2=$ %12 = E =22= I ="2 /= 2F EFD1 & 1.' /# DFD= =1 /# K$=< F""#2F"1 2F "% I "F1 %" /# EF$/ "F2 F#$L' M ; F$=K=&==K.' /= 7F$ C$ 2 D$=CE$ 1 M E=1 .JF$/ 2= D2#C E% I 0 D2=1 C 2="E=

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F CEQ"= C "J#2 Q$= <F 1= DF$! FD%2.%" M 2 FKK. / C1$%C 2= 2U F"& =$)*)) =" D2= "= E%#$ /=C # 0 2=$ =C- CF & %2="1= C%$1 = E%"2$= 7%$1F2 C /=&F"1 2=C I = I K$=C /% C%" E%"C= 2 / 2F2- =1 2=C I =C# =C

; '

D$=CE$ 1=C' M' ' /=' OFK$%2' D%#$' $=" / $=' D2#C' .1$% 1=' =1' D2#C' /#$=' 2F' EFD1 & 1.' /=' 7 =' -' 1%#C' E=C' FE1=C' / #"=' & %2="E=' "%#V=-' N#' EF#CQ$="1' /F"C' 2=' I % I ="1' <1 =' C' & &=' . I %1 %"-' " F&F ="1' DFC' .1.' F$$FEO.C' M' 2 = I D=$=#$' DF$' #"' " %#&= I = 1' /=' E%2Q$=' $$.<2.EO = ' 2' 2=C' F&F 1' M' /=CC= "' EF2E#2.C' D%#$' D$%/# $=' F#1%#$' /=' 2#' #"' =<<=1' / .D%#&F"1=' N# 2' #J=F 1' F2%$C' ".0 E=CCF $=' F#' C#EEQC' /=' C=C' "%#&=22=C' D$.%EE#DF1 %"C' D%2 1 N#=C

3=D# C' 2F' DF W' C J".=' M ; ="" =-' =1' N#' F&F 1' C' J2%0 $ =#C= I ="1' I C' < '" M' 2F' EF I DFJ"=' #"' "C1F"1' E% I 0 D$% I C=' /=')* B-' /=D# C' C#$1%#1' 2 .1%""F"1' I F$ FJ=' E%"1$FE1.' F&=E' #"=' F$EO /#EO=CC=' F#2$ EO ="" =-' 2F' D="C.=' /=' ! FD%2.%"' " .1F 1' D2#C' =WE2#C &= I ="1' 1="/#=' &=$C' 2F' J#=$$=' =22=' N# 2' C%#1="F 1' /=' 2% "-' DF$' 2 "+' 1=$ I ./ F $=' /=' C=C' 2 =#1="F"1C-' E%"1$=' 2=C' DF1$ %1=C' =CDFJ"%2C-' " %K1="F 1' /=' CF' DF$1' N# #"=' F11="1 %"' FCC=X' / C1$F 1=' 8#F"1' M' 2F' 2#11=' ="JFJ.=' /=' 2%"J#=' /F1=' F&=E' 2 "J2=1=$$=-' 2F' <%$E=' I Y I =' /=C' EO%C=C' 2#' F&F 1' I D$ I .' #"' EF$FE1Q$=' K=F#E%#D' D2#C' I F$ 1 I =' =1' E% I I =$E F2' N#=' I 2 2F $=' 7%#$' 2=' I % I ="1-' =22=' " "CD $F ' M' 2 = I D=$=#$' F#E#"=' C.$ =#C=' "N# .1#/=-' =1' 2=' D#K2 E' <$F"PF C' ="' F&F 1' 2# + I Y I =' D$ C' C%"' DF$1 ' E% I I =' / #"' .1F1' /=' EO%C=C' /.C%$ I F C' OFK 1#=2' 3=C+' $=/%#1FK2=C' / $ E#21.C' F&=E' 2F' 22#CC =-' N#=' 2F' D=$CD +

7" ! " ' K#' # # ' ' *

EFE 1.' /=' F I KFE.$QC' F&F 1' ="1$=&#=C' /F"C' #"=' 1$%D'
D$%EOF "=' F&=" $-' 2' " ="=' .1F 1' ="E%$=' "#22= I ="1' N#=C0
1 %" ' =D2 .=' C#$' =22=+ I Y I =-' 2F' / .&%$F"1=' FE1 & 1.' /#'
<%" / F1=#$' /=' 2F' /L"FC1 =' I D.$ F2=' C .1F 1' /%"E' D$=C0
N#=' ="1 Q$= I ="1' 1%#$" .=' &=$C' 2=C' F<<F $=C' "1.$ =#$=C'
/=' C%"=' I I ="C=' = I D $=' ' M' C#$1%#1' 2' ="1=" / F 1' E% I 0
I F" /=$' =" =' I FZ1$=' ' F "1="F"1' N# 2' F&F 1' $.#CC' M'
I D%C=$' C=C' &%2%"1.C' M' 1%#C' 2=C' C%#&=$F "C' /#' E%"1 0
"="1' =1' N# 2' $.J"F 1' C=#2-' D%#$' F "C' / $=-' /=C' K%$/C'
/=' 2F' ! .&F' #CN# F#' / .1$% 1' /=' K$F21F$-' 2' .1F 1' D2#C'
N#=' F I F C' / .E /.' M' "=' C%#<<$ $' EO=X 2#' F#E#"=' $.C C0
1F"E=

:#CN# F2%$C-' =" =' $.F2 1.-' 2' " =" =' F&F 1' J#Q$=' $="0
E%"1$. ' =' C."F1-' E% I D%C.' /=' C=C' D2#C' / .&%#.=C' E$.F0
1#$=C-' " F&F 1' DFC' #" =' "C1F"1' C%"J.' M' 2#' EF#C=$' 2='
D2#C' D=1 1' = I KF$$FC' ' 2' F&F 1' =#' <FE 2= I ="1' $F C%"=
/=C' &=22. 1.C' / "/.D="/F"E=' N#' ' C .1F ="1' / FK%$/'
D$%/# 1=C' DF$ I ' 2=C' I = I K$=C' /=' C%"=' E%$DC' 2.J C2F1 <'
3F"C' 1%#1' E=' N#' 1%#EOF 1' F#& I N1 Q$=C' D%2 1 N#=C'
"#2' %KC1FE2=' " .1F 1' M' $=/%#1=$' D%#$' 2#'$ C%"=
J=#C=' I .< F"E=' " =" D$.&%LF 1' F#E#" ' F C' /F"C' 2=C'
F<<F $=C' $=2 J =#C=C' 2' =O' D%#&F 1' Y1$=' F#1$= I ="1-' =1' CF'
I =$&= 22=#C=' CFJFE 1.' /=' /=CD%1=' 2#' <F CF 1' / F&F"E='
D$=CC="1 $' N#=' 2=C' "%#&=F#1.C' E%"C / .$FK2=C' N# 2' C='
D$%D%CF 1' / "1$%/# $=' F#' C= "' /=' 2 J2 C=' EF1O%2 N#=

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="1$=1="F"1' D2#C' 2F$/' M' F "1=+ .2Q"=' F&=E' C=C'
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/=' $=D$.C="1=$' 2=C' CEQ"=C' N#=' "%#C' F&%"C' $FE%"1.=C'
E% I I =' F#1F"1' /=' I %#&= I ="1C' /=' & &FE 1.' N#' 2#'
.1F ="1' "&%2%"1F $= I ="1' .EOFDD.C' =1' N# 2' F&F 1' .1.-'
/F"C' 2=' I % I ="1' I Y I =-' 2=' D$= I =$'M' $=J$=11=$' =" /='
I % "C' <%" /.S' C%"*' /.CFDD% "1= I ="1' =]1' F#' E%"1$F $='
.1.' <%$1' J$F" /-' C' 2=' D#K2 E' /#' 1= I DC' 2=C' F&F 1' F "C'
"1=D.1.=C' % "*' /=' EO=$EO=$' M' ="*' F11."#=$' 2 =<<=1-' 2'
< 1' F2%$C' 1%#1' E=' N#' /.D=" /F 1' /=' 2#' D%#$' ="*' D$%0
2%"J=$' F#1F"1' N#=' D%CC K2=' 2=' $=2E"2 CC= I ="1' ' E=1'
.JF$/' 2=C' D$=#&=C' FK%" /="1' %#$FJ=#W' #CN# F#'
K%#1-' ' 7FCN# =$' " F&F 1' DFC' E$F "1-' F ' C%$1 $' /=' 2F'
C.F"E=' %a' ' 7%$1F2 C' F&F 1' .1.' EOFCC.' /#' E%"C= 2'
/ 1F1-' /=' D$=" /$=' 2F' D2# I =' D%#$' /.<=" /$=' DF$' .E$ 1-'
E% I I =' /. M' 2' 2 F&F 1' <F 1' /=' & &=' &% W-' 2F' EF#C=' /='
C%"*' F I -' C FEE#CF"1' /=$=EO=<' /=' " F&% $' DFC' C# 1 $=$'
D2#C' /=' DF$1' /=' 2F' E%"< /="E=' N# 2' ="*' F&F 1' $=P#='
' 7%$1F2 C-' #"*' D=#' $= I C' /=' C%"*' D$= I =$' 1$%#K2=-'
F&F 1' 2bEO.' /=' C%"*' Ec1.' /=' C=' / CE#2D=$' 1# + I . I =-' =1'
2=' /#E' /=' FCCF"%' C .1F 1' J." .$=#C= I ="1' EOF$J.' /='
$= I =21$=' /=' CF' D$%D$=' I F "*' M' 2 = I D=$=#$' 2F' /.<="C='
/=' C%"*' C=$& 1=#$' / CJ$FE .' ! FD%2.%"-' $$ 1.-' "=' /F J"F

DFC‘ %#&$ $‘ 2F‘ 2=11$=‘ /=‘ C%"‘ D$.<=1‘ /=‘ D%2 E=-‘ "‘ E=22=‘ /#‘ < 2C‘ /=‘ C%"‘ F"E ="‘ I " C1$=‘ /=C‘ E#21=C‘ 22=C‘ .1F ="1‘ 1%#1=C‘ /=#W‘ ="E%$=‘ EFEO=1.=C‘ C#$‘ C%"‘ K#$=F#‘ 2%$CN# ‘1 /%""F‘ 1$F"N# 22= I ="1‘ F#‘ /#E‘ /=‘ D& J%‘ 2 %$/$=‘ /=‘ <F $=‘ DF$1 $‘ ‘ 7%$1F2 C‘ /F"C‘ 2F‘ "# 1‘ I Y I =‘ D%#$‘ 2=‘ 2 =#‘ /=‘ C%"‘ =W 2‘ =‘ 2="/= I F "-‘ N#F"/‘ ‘1 $E E%"2$F‘ ‘ 7FCN# =$‘ M‘ C%"‘ 2=&=$-‘ ‘1 "=‘ 1$%#&F‘ N#=‘ /=C‘ $=0 D$%EO=C‘ M‘ 2#‘ F/$=CC=$‘ F#‘ C# =1‘ / #"=‘ /. I F$EO=‘ N#‘ F&F 1‘ $="E%"1$.‘ 2 FDD$%KF1 %"‘ /=C‘ D=$C%""=C‘ 2=C‘ D2#C‘ F11FEO.=C‘ F#‘ $.J I =‘ I D.$ F2‘ d : F‘ D=#$-‘ I %"0 C =#$‘ 2=‘ D$.<=1‘ /=‘ D%2 E=-‘ N#=‘ &%#C‘ " FL=X‘ DFC-‘ 2#‘ / 1+ 2-‘ #"=‘ FCC=X‘ #C1=‘ /.=‘ /=C‘ /=&% $C‘ / #‘ E%"0 C= 22=$‘ / 1F1‘ 5 8#F$F"1=+O# 1‘ O=#$=C‘ FD$QC-‘ ‘1 D$=0 "F 1‘ 2F‘ D= "=‘ / .E$ $=‘ F#‘ & E=+$%‘ / 1F2 =‘ #" N#= I ="1‘ D%#$‘ 2#‘ <F $=‘ DF$1‘ /=‘ E=‘ N#‘ &="F 1‘ /=‘ C=‘ DFCC=$‘ d : F‘ EOFCC.‘ ‘ 7%$1F2 C‘ /=‘ I %"‘ E%"C= 2-‘ =‘ 2#‘ F‘ c1.‘ 1%#1=C‘ C=C‘ D2FE=C‘ =1‘ 2 F‘ =W 2.‘ M‘ N#F$F"1=‘ 2 =#=C‘ /=‘ 7F$ C‘ :=‘ &%#C‘ I F"/=‘ PEE‘ F< "‘ N#=‘ 2 %"‘ C% 1‘ K ="‘ E%"&F "E#‘ /=‘ I %"‘ "1="1 %"‘ D$%"%"E.=‘ /=‘ <F $=‘ E=CC=$‘ E=22=‘ 2#22=‘ CEF"/F2=#C=‘ /=‘ ‘ ‘ E%"1$=‘ I %"‘ F#1%$ 1.‘ R‘ 5

)‘ = I D=$=#$‘ F#‘ & E=+$%‘ / 1F2 =-‘ ‘ F"& =$‘)*))‘ 6‘ Y I =‘ 2=11$=‘ F#‘ D$ "E=‘ %$JOQC=‘ =1‘ M‘ 2F‘ J$F"/=+/#EO=CCE /=‘ %CEF"=‘ 6‘ ‘ ! ‘ ‘ " # ‘e ‘1‘ GG -‘ D‘ ` ‘ 6‘ F‘ E%2Q$=‘ /# !F %2Y%"‘ E%"1$=‘ ‘ 7%$1F2 C‘ C F I %$1 1‘ 1%#1=<% C‘ F&=E‘ 2=‘ 1= I DC‘ ="‘)*) -‘ ‘ 2=

< '" /=' D$%/# $=' #"=' I D$=CC %"' / =<<$%' D2#C' / 0 $=E1=' ="E%$=' C#$' E=' N# 2' FDD=2F 1' ' ' ! FD%0 2.%"-' N#' F&F 1' /. M' <F 1' E%"/# $=' M' ; "E="'=C' 2=C' EF$/ "F#W' /' 7 =1$%-' DD XX%"' =1' FK$ =22 -' < 1' ="' I Y I =' 1= I DC' I =11$=' 2F' I F "' C#$' 2=' D$.2F1' $=J%$' =1' 2=' DQ$=' %"1F"F-' J.".$F2' /=C' KF$"FO 1=C' ' /=' 2F' F2D$F/=' =1' 2 FKK.' #F F/-' N#' F&F ="1' $=P#' 2=C' E% I D$% I =11F"1=C' E%"< /="E=C' /#' EOF"% "=' / C2$%C-' DF$1FJQ$="1' CF' /.1="1 %"' 4"' J$F"/' & EF $=' /= =1X' =1' D2#C =#$C' =EE2.C FC1 N#=C' /=' F$C= 22=' <#$="1' F#CC' F$$Y1.C' DF$' 2F' C=#2=' $F C%"' N# %"' 2=C' FEE#CF 1' /=' D%$0 1=$' 1$%D' / "1.$Y1' F#W' EF$/ "F#W' $% I F "C' $.E= I I ="1' ="<=$ I .C' M' "E="'=C' .1F 1' 2M' #"' E$ I =' $$. I C0 C K2=-' =1' 2=C' <= I I =C' N#' C ="' $="/ $="1' E%#DFK2=C' "=' <#$="1' DFC' /F&F"1FJ=' .DF$J".=C' # J$F"/' =<<$%' /=' 2F' C%E .1.' DF$ C ="'=-' N#' 2=C' E%"'F CCF 1' 1%#1=C' /=#W

E% I 1=' %2.-' F2%$C' J$F"/' #J=-' 2 FLF"1' D$%D%C.' D%#$' 2F' D2FE=' /=' D$=0 I =$' D$.C /="1' M' 2F' E%#$' " D.$ F2=' / "J=$C-' 2 = I D=$=#$' C J"F' CF' "%0 I "F1 %"' CF"C' / << E#21.' 8#F"1' M' 2 FKK.' / C1$%C-' 2' DF$F 1' N# 2' ="' E%]1F 1' /F&F"1FJ=' M' 2 = I D=$=#$' /=' 2# ' DF$/%""=$-' EF$' 2' /= I =#$F' D$ C%"' =$' M' ; "E="'=C' #CN# F#' B' F#& =$')*4' 8#F"/' 2=C' E%CFN#=C' FDD$%EOQ$="1' /=' 7F$ C-' %# 2=' 1$F"CD%$1F-' ="' E% I DFJ" =' /=' 1$% C' F#1$=C' /.1="#C' =EE2.C FC1 N#=C-' /F"C' 2=C' D$ C%"C' E & 2=C' / "J=$C' 7F$' #"=' .1$F"J=' E%V"E /="E=-' E=' <#1' C%"' DF&="1' =1' C%"' F I -' 2=' D$= I =$' D$.C 0 /="1' 7%$1F2 C-' N#' <#1' EOF$J.' / F22=$' D=#' /=' f%#$C' FD$QC' 2#' F"'%"E=$' M' 2F' <% C' CF' /.2 &$F"E=-' 2F' EO#1=' /=' ! FD%2.%"' =1' 2F' $=C1F#$F1 %"' /=C' %#$K%"C

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D%#$ 2=#$ I .$ 1= =1 2=#$ D .1.- I =C/F I =C /= 8# "+ C%""FC =1 /= %L=E%#$1- & %2= I I ="1 F$$FE2 .=C /= EO=X =22=C- C= & $="1 M 2F I Y I = .D%N#= I ="FE.=C / Y1$= =1.=C D%#$ 2= $=C1= /= 2=#$C %#$C /F"C #"= D$ C%" / 1F1 " 2=C E%"C /.$F 1 /. M E% I I = D=$/#=C- EF$ C%#C 2= D$= I =$ = I D $= 2 .1F 1 F= /= C%$1 $ / #" 2 =# C $=/%#1. = E$./ 1 /= N#=2N#=C F I C- F /. /= 2 %K2 J=F"E= /= 7FCN# =$- 2=C CF#&F 2 "= 2=#$ .DF$J"F DFC 1%#1=<% C 2 =""# / F22=$ FDD$="/$=- DF$ #"= /.1="1 %" /= N#=2N#= 1= I DC M 2 c1=2 /= 2F D$.0 <=E1#$= /= D%2 E= /= 7F$ C- E% I K =" 2 .1F 1 /F"J=0 $=#W F#W D=$C%""=C 2=C D2#C "% ="C &=C /= /%""=$ D$ C=- D%#$ N#=2N#= I %1 < N#= E= <]1- F#W C%#DP%"C /# I FZ1$= /= 2F $F"E=

C1+ 2 K=C% " / F %#1=$ N#= /= DF$= 22=C C.&.$ 1.C /.D2%L.=C E%#D C#$ E%#D F# C= " I Y I = /= 2F EFD 1F2= L F&F ="1 $.DF"/# 2F E%"C1=$"F1 %" g 4"= C%$1= /= 1=$$=#$ D2F"F 1 C#$ 2= E2=$J. /= 7F$ C = C EOF"% "=C /# EOFD 1$= I .1$%D%2 1F " /= ! %1$=+3F I = .1F ="1 DF$0 1 E#2 Q$= I ="1 .D=$/#C ! %"+C=#2= I ="1 2= EOb1 I ="1 N# F&F 1 <$FDD. 2 FKK. / C1$%C 2=C /.C%2F 1- I F C 2C " .1F ="1 DFC CF"C "N# .1#/= C#$ 2=#$ D$%D$= C%$1- EF$ 2C F&F ="1 #CN# F2%$C I F$EO. 1%# %#$C / FE0 E%$/ F&=E 2=#$ E%22QJ#= . I % " /= 2=#$ "/ E K2= .D%#&F"1=- 2= EF$/ "F2 F#$L =#1 2 F$1 /= 2=#$ D=$+

C#F:=$ N# 2 :.D="/F 2 / =#W /= D$.C=$&=$ 2=C %#$C E% I D$% I C /= 2 FKK.' / C $%C =1 /= $="/E= 2F C.E#$ 1.' F# / %EQC= /= 7F$ C C' D$%<%"/.I="1 1$%#K2.' d))
C#<< $F 1- 2=#$ / 1+ 2- /= $.&%N#=$ CF"C /.2F ' 2=C D%#0 &% $C /= & EF $= EFD 1#2F $= /%""".C D$.E./=I I= 2 M 2=#$ E%22QJ#=- /= &%2=$ #"= F/$=CC= N#' D$%1=C1b1 ="
1=$ I =C C%2="""=2C /= 2F < /.2 1.' /# E2=$J.' /= 2F EFD 1F2= i' 2 .JF$/' /= C%" J2%$ =#W C%#&=$F "- =1 N#' 1. I % J"b1 2 F#1=I="1 /= 2F $.C%2#1 %" %a 2C .1F ="1 1%#C / %K0 C=$&=$ CE$#D#2=#C=I="1 2=C 2% C /= 2=I D $='5 =C C="1 I="1C F" I F ="1 1$QC+C "EQ$=I="1 2=C I=I0 K$=C /# EOFD 1$= ="1 =$ $ 2C " .2=&Q$="1 /%"E F#E#"= / << E#21.$ 2C < $="1 I =#W ="E%$=' < " N#= 2=#$ F/$=CC=- E%"P#= / #" K%#1 M 2 F#1$= /F"C 2=- C="C N#= 2=I D=$=#$ D%#&F 1 /.C $=$- =]1 D2#C /= EOF"E= / =" Y1$= <F&%$FK2=I="1 FEE#= 22 =- 2C EOFJQ="1 F#$L /= 2F $./ J=$' =2# +E - N#' C L F11="/F 1- 2 F&F 1 D$.0 DF$.= / F&F"E=- =1 I c I = E%"E=$1.= F&=E ! FD%2.%"' =C 1=$ I =C =" F&F ="1 .1.' C% J"=#C=I="1 EF2E#2.C /= <FP%" M ' ' N#= '2= ' /= 7F$ C /F"C 2F N#=$=22= I F "1="F"1 D="/F"1= ="1$= 2=I D=$=#$ =1 2= DFD= F# C# =1 /= 2 "C1 1#1 %" /=C .&cN#=C ' = "%#&=2 F$EO=&YN#= /= 7F$ C- C' <%$1 "1.0 $=CC.' /F"C E=11= F<<F $= =1 D2F /F"1- M &$F' / $%' D%#$ CF D$%D$= EF#C=- L F&F 1 "1$%/# 1 "% I 2 $= 2= 12 QC%C

2 C2%$ N#=C =1 /%J I F1 N#=C- N# F&=E C%"" FCC#$F"E= FEE%#1# I .= 2 " F&F 1 DFC 2 .C 2% M D2FE=$ C%#C 2 F#2%+ 2 1. /# J$F" /" "% I / = %CC#=1- I F C C#$ 2=CN#=22=C 2=C EF"%" C1=C 2=C D2#C E.2QK$=C =1 2=C D2#C F11FE2 .C F#W %D " %"C JF22 EF"=C C%"1 /=D# C- E% I I = F2%$C- / << E 0 2= I ="1 1% I K.C / F E E % $ / =C1 F "C N# 2 F&F 1 D$.0 1="/# .1FK2 $ í) ∫ d N#= 2 #CFJ= E%"C1F"1 /= 1%#1=C 2=C J2 C=C /= H$F"E= .1F 1 =1 F&F 1 1%# %#$C .1.- /=D# C D2#C =#$C C QE2=C- N#= 2=C EOFD 1$=C / .<.$FCC="1 F#W .&YN#=C "% I I .C DF$ 2= C%#&=$F "" 1%#C 2=C D%#&% $C EFD 1#2F $=C- E =C1+M+/ $= 1%#1= 2F #$ / E1 %"" .D CE%0 DF2=$ K N# ="" E%"C.N#="E= /= E= /$% 1 =EE2.C FC1 N#=- E= <#1 DF$ 2= CFJ= E%"C= 2 /= %CC#=1 M %# C G N#= <%#C 2=C F$EO=&YN#=C =1 .&YN#=C "% I I .C /=D# C 2 F"0 ".=) * # #CN# M 2 F"".=) B F22Q$="1 J%#&=$"=$ DF C K2= I ="1- ="" &=$1# /=C D%#&% $C N# 2=#$ <#$="1 /%"".C DF$ 2=C EOFD 1$.C- 2=C J2 C=C I .1$%D%2 1F "=C %# 2=C EF1O./$F2=C /%"1 2C .1F ="1 FDD=2.C M $= I D2 $ 2=C C QJ=C &FEF"1C- CF"C N# %"" 2=#$ =]1 %DD%C. F2%$C " 2= I % "/$= = I DYEO= I ="1- " 2F I % "/$= $.E2F I F0 1 %" 5

4"" F#1$= DFCCFJ= /# D$% =1 T / F/$=CC= $./ J. DF$ F#$L E%"1="F 1 #"= ".JF1 %"" &% 2.=- 2 =C1 &$F

) ; %L%g- 2= $ /# \ F"& =$)*))

I F C D%C 1 &= /=C /$% 1C $=E%"'"#C /= 1%#1 1= I DC F# CF "1+DQ$=

d 3 FD$QC 2=C D$ "E D=C /# E2=$J.' /= $F"E=-' / CF 1 2= D$% =1 / F/$=CC=-' " LFLF"1 /F"C 2 J2 C= F#E#"= D# CCF"E= "/.D="/F"1= /=C EF"%"C-' 2 " ="' =W C1= DF$ E%"C.N#="1 F#E#"= N# -' DF$ /=C &% =C E%"1$F $=C F#W / CD%C 1 %"C EF"%" N#=C-' F 1 2= /$% 1 /= I =11$=' %KC1FE2= M E=22= D$.$%JF1 &= %# D2#1c1 M E= /=&% $ /# EOF0 D 1$=' 5

8#F"/' E=C FCC=$1 %"C <#$="1 D$%/# 1=C /=&F"1 2= EOFD 1$= /= ! %1$=+3F I =-' =22=C .1%"'"Q$="1 #"' D=# 1%#C CEC I = I K$=C-' N#' 1%#1=<% C $=C1Q$="1 E% I D2Q1= I ="1 C 2="E =#W' 3=&F"1)' EF$/ "F2-' F$EO=&YN#= "% I I .' /% 7F$ C-' N#' C%$1F 1 /= E%"<.$=$ F&=E 2 = I D=$=#$ =1 N#' C ="' &F"1F 1 1$QC+OF#1-' F#E#"' / =#W " %CF 1 %#&$ $ 2F K%#EO=' =#Z 2 FKK.' I =$L' =#1 2F 1. I .$ 1.' /= E%"0 1$=/ $= ."=$J N#= I ="1 F#$L-' %# D2#1c1 2= I FZ1$= EFEO.-' I F C 1$%D & C K2=-' F# "% I' /= N#' F#$L' &="F 1 /= DF$2=$' 7F$ I '2=C =EE2.C FC1 N#=C /= $F"E=-' F#E#"' ' D$%<=CCF 1 D2#C N#= ' ' /= ' E%"0 <$.$ = /=C C#2D E ="C-' $.E= I I ="1 C#DD$ I .= DF$ 2 = I 0 D=$=#$-' 2= E#21= F/ I $F1 < /= %CC#=1-' =1 "#Z "= D%C0 C./F 1 F# I Y I = /=J$.-' F&=E 2F &.$ 1FK2= 1$F/ 2 %"' /=C F"E =""=C /%E1$ "=C JF22 EF"=C-' #"= CE ="E= F#CC' FDD$%<%"/ = /# /.1F 2 /=C F<<F $=C $=2 J =#C=C D="/F"1

H 4 H !H H 4 7 H H 7 H

2= C QE2= /= %# C G ; =C D%#$N#% - FDD=2. F "C C#$ C%" 2%$$F "- 2 FKK. ^ I =$L C FDD2 N#F 2%#1 / FK%$/ M C%#1=" $ F&=E K=F#E%#D /= EOF2=#$ N# 2 " L F&F 1 DFC 1$FE= /F"C 2 O C1% $= /# D$.1=" /# E%"C= 2 /%"" . DF$ %CC#=1 M %# C G ; C ="5 /= I =#$= /= <%#$" $ 2F D$=#&= /# <F 1 N# 2 F&F 1 F22.J#.- 2= EF$/ "F2 "= 1$%#&F $ =" M $.D%" /$=- C "%"5 %$ & $ ' ! $ '# (' ' ' $ ' ' $' ' ')) ' #* ' %$ ' ' ' ' + ' , "5 - (.' ' $ ' $ ' * /0 = I K2FK2= F$J# I ="1 2F CCF 1 K=F#E%#D M /.C $=$ =2# +E CF1 C< 1 C D=# 2 FKK. I =$L N# 2 "= &%#2#1 F I F C C J"=$ 2 F/$=CC= =" / CE#CC %"- N#% N#=- C#$ C=C %KC=$&F1 %"C =1 C#$ E=22=C /= N#=2N#=C F#1$=C I = I K$=C /# EOFD 1$=- 2= D$% =1 D$ I 1 < F 2 /a C#K $ N#=2N#=C 2.J=$C EOF"J= I ="1C /.= / F12FEO=$ C%" "% I M E=11= I F" <=C1F1 %"- M 1%#1 2= I % "C "1= I D=C0 1 &=- E%"1$= 2 F#1%$ 1. CD $ 1#=22= /# D$ C%"" =$ /= F &%"= .1F 1 1$%D "C#DD%$2FK2= F# J."$=#W FKK. 7%#$ C= /.2 &$=$ /=C I D%$1#" 1.C /# EF$/ "F2 F#$L- 2 D$.<.$F N# 11=$ #"5 D=# K$#CN#= I ="1 2F CF22= /# EOF0 D 1$=

)' < "11$=C /= 2 +2K. I =&L M 2 .&.N#= / F C- /=C - ' F"& =$- 1 =1)' <.&$ =$)*))' 6 7FD =$C I F I CE$ 2C JF$/.C F# C. I "F $= /= F "1+ #2D ==" D%#$ .E$ $= 2F & = /= ' H I =$L-

F/$=CC=-' /.2 K.$.=' 2=' ' F"& =$')*))' DF$' 2=' E2 F+' D 2$=' I .1$%D%2 1F "' /=' 7F$ C-' <#1' $= I C=' 2=' ' M' ! FD%0 2.%" ' = I D=$=#$' F&F 1' EO% C ' E=' %#$' DF$E=' N#=' E .1F 1' #"' / I F"EO=' =1' N# 2' L' F&F 1 FD$QC' 2F' I =CC=' $.E=D1 %"' %2 E =22=' F#W # 2=$ =C' @' 2' E%"&="F 1' M' 2F' D%2 1 N#=' /=' ! FD%2.%"' /=' $=" /$=' F#CC ' C%2="" =22=' N#=' D%CC K2=' 2F' /. I F$EO=' 2F 1=' F#D$QC' /=' 2# ' DF$' 2=' EOFD 1$=' /=' 7F$ C' =1' /=' /%"" =$' #"' 1$QC+J$F" /' $=1="1 CC= I ="1' M' CF' $.0 D%"C=' =' EOF"% "=' :F2FK=$2' .1F 1' EOF$J.' /=' D%$1=$' 2F' DF$%2=' F#' "% I' /=' C=C' E%22QJ#=C-' N#' " F&F ="1' .1.' E% I I =' 2# ' D$.&="#C' N#=' 2=' I F1 "' I Y I =' /=' 2 F#/ ="E=' % 1' EF2E#2' /=' 2F' DF$1' /#' EF$/ "F2' F#$L-' C% 1' D#$=' "F/&E$ F"E=-' C% 1' DF$' C# 1=' /=' $FO#$ CC= I ="2' %a' .1F 1' EOFE#"-' 2' C=' 1$%#&F' N#=' 2F' E%D =' /=' 2 F/$=CC=' <#1' $= I C=' M' 2 %$F1=#$' /#' EOFD 1$=' F#W # 2=$ =C' I Y I =C-' N#F"/' /. M' 2' .1F 1' ="' D$.C="E=' /=' 2 = I D=$=#$-' /# J$F"/' F# I c" =$ =1' /#' I " C1$=' /=C' E#21=C ' 8#=22=' "=' <#1' DFC' 2F' C#D C=' /=' 2 FKK.' 2F2FK=$1' 2%$CN#=-' C=' I E12F"1' M' 2 $=' M' OF#1=' &% W' 2F' D QE=' N# 2' F&F 1' ="1$=' 2=C' I F "C-' 2' C FD=$P#1' N# %"' F&F 1' I %/ 2 .' D%#$' 2=C' F<<F K2 $' 2=C' 1. I % J"FJ=C' / F<<=E1#=#C=' =C1 I =' N#=' 2=

)' =11$=' /=' 2 = I D=$=#$' M' ' 2=' E% I 1=' J%1' /=' 7$.F I ="=#-' ' F"0 & =$')*))' 6' (=11=' 2=11$=' " =C1' DFC' "C.$.=' /%"C' 2F' ! ' 1 ' 0 $ #$ ' 120

2 ' ' $:2 ! ' ' ' 7 ' 7

E2 FD4$=' F&F 1' 1="#' M' L' "C.$=$' ="' <F&=#$' /#' DF#& E' FKK.' / C2$%C-' 1F"/ C' N# %"' L' F&F 1' F#' E%"1$F &=' $.1F0 K2 ' /F"C' 2=#$' 1=W1=' D$ I 1 < 1%#C' 2=C' DFCCFJ=C' EOF"J.C' C#$' 2=C' %KC=$&F1 %"C' /=' 2 FKK.' I =$L ' "1 I /.' DF$' 2 FDDF$= 2' C ' "%#&=F#' D%#$' 2#' /=' 2F' E%#$' I D.$ F2=-' ' :F2FK=$1' "=' <#1' DFC' FCC=X' I FZ1$=' /=' 2#' D%#$' $.1F0 K2 $' 2=' 1=W1=' =<2=E1 &= I ="1' &%1.' DF R' 2=' EOFD 1$=-' =1' 2 F/$=CC=' <#1' 2#=' C%#C' 2 n 2' F11="1 < /=' 2 = I D=$=#$' 1=22=' (D =' 2=' EF$/ "F2' F#$L' 2 F&F 1' / FK%$/' $./ J.=-' =1' 1=22=' N# %"' 2F' 1$%#&=' =WFE1= I ="1' $=D$%/# 1=' /F"C' 2=' + ' /#' \' F"& =$')*))

' ;%$' 2F' 2 =' ' (33#' #+ 4' 1' -' D' B ' 6' " DF$1 F2 2a-' N#' =C1' "%1$=' 2% -' "%#C' % J=' M' / $=' N#=' 7## %#2F1-' /F"C' 2F' & =' N# 2' F' .E$ 1=' /#' EF$/ "F2' F#$L-' $FDD%$1=' N# 2' F' .1.' F I ="." M' /%#1=$' #"' D=#' /=' E=11=' C#KC1 1#1 %"' / #"=' F/$=CC=' M' #"=' F#1$=' ' =' /%#1=' 2#' ' =C1' &="#-' / 1+ 2-' M' 2F' C# 1=' /=' 2F' E% "F CCF"E=' N# 2' F' =#=' /=' N#=2N#=C' DFD =$C' 2F CC.C' DF$' ' 7 E%1-' N#' F&F 1' 1="#' 2# + I a I %' ="1$=' 2=C' I F "C' #"=' "%1=' .E$ 1=' DF$' 2 FKK.' :F2FK=$1-' 4# #=22E' "=' #C0 1 < =$F 1' DFC' E=' C%#DP ' ! %#C' E$%L%"C' N# 2' L' F' E ' #"=' C I D2=' E%"<#0 C %"' /%' I %1C' :F I F C' 2' " F' .1.' N#=C1 %"' DF$ I ' 2=C' D=$C%""=C' /E"' "<%$ I .=C' /=' 2F' C#KC1 1#1 %"' "1.J$F2=' / #"=' F/$=CC=' M' #"=' F#1$=' ' E %C1' 2M' 2 =$$=#$' N# F' &%#2#' $=/$=CC=$' ' 7 E%1-' 2' F' =#' DF$<F 1% "=#1' $F C%"'))' C FJ 1' #" N#= I ="1' /=' CF&% $' C -' J$bE=' M' #"' D$%E./.' D=#' CE$#D#2=# 1-' /%"1' "%#C' F&%"C' /. M' $="E%"1$.' 1 %D' / = &E I D2=C' 2F"C' 2=' E%#$C' /=' E=11=' O C1% $=-' E' 1E W1% / #"' /%E# I ="1' I D%$1F"1' F' .1.' " .+' J#2 .$%$F=" 1' I %/ < .' /F"C' N#=2N#=C+#"=C' /% CEC' DF$1 =C-' DF$E=' N# 2' JY"F 1' 2=C' E%"&="F"E=C' I D.$ F2=C ' =' EF$/ "F2' F#$L-' DF$' F I %#$+' D FN $=' / F112E#$' % 1' o2F$' %"2 =' /=' 2 = I D=$=#$-' F+1+ 2' =#' $==%" C' M' #"=

7 ! p "^ ' 34' ! ' ! ! 2%

' "=' "%#C' FDDF$2 ="1' ="' F#E#"=' <FP%"-'/=' D$%0 "%"E=$' C#$' 2 %$2O%/%W =' /=C' /%E1$ "=C' . I C=C' DF$' 2=' EOFD 1$=' I .1$%D%2 1F "' /=' 7F$ C'-' C ' "%#C' "=' C% I "=C' DFC' /F&F"1FJ=' =#' I =C#$=' / "/ N#=$' 2F' 1="=#$' D$.E C=' /=C' F21.$F1 %"C' I D%C.=C' M' 2 n#&$=' /=C' EOF"% "=C' /=' ! %1$=+3F I =-' "%#C' D%#&%"C-' ="' $=&F"EO=-' /%""=$' D%#$ 2F' D$= I Q$=' <% C' F#' D#K2 E' 2=' $.C# I .' F#1O="1 N#=' /=' 2F' $.D%"C=' /#' EO=<' /=' 2 1F1-' =11=' $.D%"C=' F&F 1' .1.' 2%"J#= I ="1' I . / 1.= ' ! FD%2.%"' CF&F 1' 1$QC+K ="' N#=' C=C' C# =1C' EF1O%2 N#=C-' I F2J$.' 1%#1=C' 2=C' D$.EF#1 %"C' N# 2' F&F 1' D$ C=C-' "=' 2F CCF ="1' DFC' /=' C=' D$.%EE#D=$' K=F#E%#D' D2#C' N# 2' " F#$F 1' C%#OF 1.' /=' C=C' / . I Y2.C' FE1#=2C' F&=E' 2=' CF "1+DQ$= ' 2' /=& "F 1' F#CC ' DF$<F 1=0 I ="1-' N#% N# 2' F<< EOb1' M' E=1' .JF$/' 2F' D2#C' C#D=$K=' FCC#$F"E=-' N#=' 2=C' O%"$ I =C' I %/.$.C-' 2=C' D%2 1 N#=C-' 2=C' "/ <<.$="1C-' =1' #CN# F#W' F/&=$CF $=C' OFK 1#=2C' /#

" C%' & 2JF' %' F22F' /=' D$%E#$%&' #"=' CF1 +C<FE1 %F' D2#C' E% I D2Y2=' F#+1' DFCC %"C' N# ' 2# ' .1F ="1' E% I I #"=C' F&=E' C%"' I F4 %-' &% 2M' 1%#1' 2=' / .0 KF1 ' 2' "%#C' DF&F 1-' N#F"1' M' "%#C-' 1$F"EO .' DF&' ; F2 $ I F1 %"' /#' $=CD=E0 1FK2=' ' F$" =$-' N# ' 1="F 1' 1%#C' 2=C' / .1F 2C' /=' E=11=' F#/ ="E=' /=' C%"' "1 I =' F I ' 2 FKK.' I E$L ' /F2FKE$1' 2 F#$F 1' / F 22% I C' $FE%"1.' 2# +' I . I =' M' 2 F#1=#$' /=' 2F' & =' /#' / $=E1=#$' /=' F "1+ #2D E= ' =C' 1. I % 0 J"FJ=C' /=' ' 2 FK2 .' F$" =$-' /=' ' I =$L-' 2F' DF$%2=' /=' ' :F2FK=$1' ="E%$=' & &F"1-' "=' C%"1+ 2C' DFC' D2#C' / J#=C' /=' E$.F"E=' N#=' E=11=' "%1=' C ' &FJ#=' 1$%#&.=' FD$QC' CF' I %$1' DF$ I ' 2=C' DFD =$C' /# ' 7 E%1-' =1' E #' " F' / F 22=#$C' F I F C' .1.' D$%/# 1=g

CF "1+C QJ= " F&F ="1 DFC &# / #" 2 %" n 2 2 ="2Q&=+ "="1 & %2="1 /# DFD= /= % I = =1 CF $ J%#$=#C= / .0 1="1 %" M F&%"= 2 #J=F /%"E 2= I % I ="1 %DD%$1#"- 1F" / C N#=7 = 1 .1F 1 D2#C C.&Q$= I ="1 C.N#=C1$.N#= F I F C =1 D$ &. /= 1%#1= =CDQE= /= E% I I #" EF1 %" F&=E 2=C < /Q2=C /= C%" J2 C= D%#$ /$=CC=$ E%"1$= 2# #" &.$ 1FK2= FE1= / FEE#CF1 %"- =1 1$FE=$ /= C=C $=2F1 %"C F"1.$ =#$=C F&=E 2F E%#$ /= % I = #" 2 C1%+ $ N#= N#= 2= D$ C%"" =$ /= F&%"= C=$F 1- /F"C 2=C E $E%"C1F"E=C FE1#=22=C- O%$C / .1F1 /= /. I ="1 $- =1 N# FD$QC 2=C q .E="1=C C.&.$ 1.C /%"1 7F$ C <$. I CCF 1 ="E%$=- F#E#" /= C=C DF$1 CF"C 2=C D2#C X.2.C " %C=$F 1 C=#2= I ="1 E%"1=C1=$ %EEFC %" .1F 1 C=C / F#0 1F"1 I = 22=#$= N# =" D$="F"1 C% " /= "= DF$FZ1$= N#= DFFDOFC=$ 2 F/$=CC= $E I C= DF$ 2= EOFD 1$= I .1$%D%0 2 1F " /= 7F$ C- 2 F22F 1 1$%#&=$ I %L=" /= D2FE=$ F "C C=C FDD$.E F1 %"C D=$C%""=22=C C%#C 2 .J /= CD $ 1#=22= /=C =EE2.C FC1 N#=C $=E% I I F"/FK2=C N# %" <F C" %"1 DF$1 =

d =CC =#$C- 2=#$ / 1 2 = I D=$=#$- = C# C CF1 C<F 1 /= 2 =WD%C 1 %" /=C D$ "E D=C /# EOFD 1$= /= 7F$ C)) =C1 /F"C 2=C I ="C /= I F "1=" $ 2=C /$% 1C /= I F E%#0 $%""= := &=#W N#= 2F / J" 1. /= I %" 1$c"= =1 2 "/.0 D="/F"E= /= 2F "F1 %" "= D# CC="1 Y1$= E% I D$% I C=C /F"C I =C $=2F1 %"C F&=E 2= DFD= D$QC 2F E.$. I %" =

)* ‘ ! ‘ V‘ ‘ 7 ‘ 7

/=‘ $ 2F2 =-‘ o # CCF I I ="Z E%"E="2$.=‘ /F"C‘ CF‘ I F "-‘ .1F 1‘ ".E=CCF $=‘ F#‘ C#EEQC‘ /=‘ 2F‘ 2#11=‘ N# Z F&F 1‘ ="1$=0 D$ C=‘ E%"1$=‘ 2 O.$.1 N#=‘ "J2=1=$$=‘ Z 2#‘ <F22F 1‘ D%#$‘ &F "E$=‘ E=11=‘ "F1 %"-‘ 1%#1‘ ="1 Q$=‘ F/%"".=‘ F#‘ E% I 0 I =$E=‘ I F$ 1 I =-‘ Y1$=‘ 2=‘ I FZ1$=‘ FKC%2# /=‘ 2 /$ F1 N#=‘ =1‘ D%#&% $‘ 2#‘ <=$ I =$‘ 1%#C‘ 2=C‘ D%$1C‘ /=‘ 2F‘ D." "C#2=‘ RF2ZN#=

đ F C‘ / F#CC‘ J$F"/=C‘ E%"C /.$F1 %"C-‘ D%#$C# & 1‘ 2 = I D=$=#$-‘ " %"1‘ =# F#E#"=‘ "<2#="E=‘ C#$‘ 2 =CD$ 1‘ /# DFD=‘ Z C =C1‘ K%$".‘ M‘ $.D%"/$=‘ N# Z " F&F 1‘ F#E#"‘ I %1 < /=‘ C=‘ /.E2F$=$‘ E%"1$=‘ 2=C‘ "J2F C-‘ N# Z .1F 1‘ 2=‘ DQ$=‘ E% I I #"‘ /=C‘ < /Q2=C-‘ N# Z "=‘ /=&F 1‘ DFC‘ C=‘ D$ &=$‘ /=‘ CEC‘ I %L="C‘ /=‘ E%$$=CD%"/F"E=‘ F&=E‘ 2=C‘ EO$.1 ="C‘ /=C‘ DFLC‘ / %#1$=+ I =$‘ :=‘ "=‘ D%#&F C‘ D%#$1F"1‘ DFC‘ 2=‘ 2F CC=$‘ M‘ 2F‘ I =$E‘ /=C‘ "J2F C ‘ 4"=‘ 2%"J#=‘ ".J%0 E F1 %"‘ F‘ =# 2 =# ‘ F C‘ 2=‘ DFD=‘ F‘ I =#W‘ F I .‘ &% $‘ F".F"1 $‘ CF‘ C%#&=$F "=1.‘ 1= I D%$=22=‘ =C1‘ ="E%$=‘ F&=E‘ 2=‘ I Y I =‘ =CD$ 1‘ N# Z C =C1‘ E%"/# 1‘ /F"C‘ 2=C‘ F<<F $=C‘ CD $ 1#=22=C‘ 3=C‘ .&YEO.C‘ C%"1‘ /=&="#C‘ &FEF"1CS‘ F‘ #C.‘ /F"C‘ 2F‘ <%$ I =‘ %$/ "F $=‘ /=‘ I %"‘ /$% 1‘ /=‘ "% I "F0 1 %" ‘))$=<#C=‘ %KC1 ". I ="1‘ /=‘ /%""=$ 2 "C1 1#1 %"‘ EF"%" N#=‘ "‘ 22= I FJ"=-‘ 2F‘ $=2 J %"‘ =C1‘ D=$/#=‘ DF$‘ CF‘ <F#1= ‘)) "=‘ C =C1‘ DFC‘ K%$".‘ M‘ /=C‘ " #$=C-‘ Z I F‘ =WE% I I #" .-‘ I % -‘ I =C‘ I " C1$=C-‘ 1%#1=C‘ 2=C‘ D=$0 C%""=C‘ = I D2%L.=C‘ /F"C‘ I %"‘ J%#&=$"= I ="1‘ =‘ C%"1

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1%#1=C E=C ="1$=D$ C=C /= 2F E%#$ /= % I =- E= C%"1 2=C 1$%#K2=C N# =22= DF$&="F 1 M C#CE 1=$ =" $F"E=- N# C%"1 EF#C= N#= /=D# C 2= $QJ"= /= %# C G ; %" F 1%2.$. 2= E%#$C /=C %#&$FJ=C N# - =" F<<F K2 CCF"1 2 = I D $= /= 2F $=2 J %"- 1="/F ="1 ="E%$= D2#C M /.0 1$# $= 1%#1= D$.D%"/.$F"E= /# DFD= = "=<#1 / FK%$/ N#= N#=2N#=C D QE=C /= 1O.b1$=- 1=22=C N#= 2= ' * ')) =1E - =1 ="C# 1= /=C D$%/#E1 %"C /= 1%#1 J="$= N# %"1 <F 1 2= D2#C J$F"/ I F2 5

D$QC F&% $ F "C $.&.2. M C=C F#/ 1=#$C E% I I ="1 %# C G F&F 1 F/ C E% I I F"/. 2=)$))(5 78 /= 2F I Y I= I F" Q$= N# 2 &="F 1 2# + I Y I= /= E% I 0 I F"/=$ M 3F#"%# C%" 2 &$= C#$ 2 F I K 1 %" /=C D%"1 <=C $% I F "C- F< " /= C= D$.C=$&=$ E%"1$= 2=C #C#$0 DF1 %"C I ="FPF"1=C /= 7 = ; 4- FD$QC 2=#$ F&% $ C "J.0 " =#C= I ="1 =WD2 N#. N# ="K%""= 2%J N#= E .1F ="1 2=C F"E ="C DFD=C N# 2 <F22F 1 $=" /$= $=CD%"CFK2=C /= 2F D#K2 EF1 %" /= 1F"1 / %#&$FJ=C F"1 $=2 J =#W DF$#C /F"C 2=C F"".=C F"1.$ =#$=C M 2F $.&%2#1 %" /= *B- ! FD%2.%" C= I 1 M ="1F I =$ #"= 2%"J#= 1OQC= /= <FP%" C#$ 2 "C1 1#< %" EF"%" N#= /=C .&YN#=C ="C# 1= F&=E #"= & %2="1= E%2Q$= /=C 2=11$=C /= 7 = ; - N# E $E#2F ="1 /F"C 1%#1 2 = I D $= i

d =C 2=11$=C E%#DFK2=C F&F ="1 .1. 1$F"C I C=C /% F&%"= M L%" DF$ #" &F2=1 /= EOF I K$= /% 7 E ; 2-

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=1' E .1F 1' #"=' <= I I =' N# -' /=' L%"-' 2=C' F&F 1' ="0
C# 1=' D%$1.=C' #CN# M 7F$ C ' FKK.' / C1$%C-' 2=' D$.2F1'
$=J%$' =1' 2=' 7 ' %"1F"F' F&F ="1' 1$= I D.' /F"C' E=C'
"1$ J#=CS' E =C1' D%#$N#%' 2' F&F 1' C.&' E%"1$=' =#W '
=D="/F"1' #"' 1=2' .1F1' /=C' EO%C=C' "=' CF#$F 1' /#$=$'
=' DFD=' I =' D$="/+ 2' /%"E' D%#$#"' /=C' $% C' <F ".F"1C'
%# I K.E 2=C' N#=' C#K #J#F' $.J% $=' g' :=' &=#W
CF&% $' %a' ="' C# C-' %a' 2 %"' D$.1="/' I =' I ="=$-' =1' M
N#=2' D% "1' F#' #C1=' %"' &=#1' C F$$Y1=$' ' 2=' DFD=' <F 1'
2F' D$% I =CC=' C%2=""=22=' /=' "=' $ ="' <F $=' E%"1$=' 2=C'
N#F1$=' F$1 E2=C' /=') * -' N# 2' $=1%#$"=' M % I =-' N# 2'
& =""=' M 7F$ C-' N# 2' EO% C CC=' #"' F#1$=' D% "1 /=' 2 = I 0
D $=S' E=11=' 2 K=$1.' 2#' =C1' /%"".=' DF$' 2=' C."F1#C+E%"+'
IC#21=' ' CF "1' 7 =$$=' $=&="F 1' F#' I %"/=-' E=' "=' C=$F 1'
DFC' M % I =' N# 2' $F 1' 'F' N# 11.' "1 %EO=-' 2' F' D$.0
<.$.' % I =' M :.$#CF2= I ' DF$E=' N#=' % I =' .1F 1' 2F' D$=0
I Q$=' /=C' EFD 1F2=C' =1' 2=' C. %#$' /=C' = I D=$=#$C-' E% I I =
2 =C1' F# %#$/ O#' 7F$ C ' 8# 2' <FCC=' /mF 22=#$C' E=' N# 2'
&%#/$F' F&=E' 2=C' D# CCF"E=C' .1$F"JQ$=C-' =' "=' I ="'
I r2=' DFC' 2' 1$%#&=$F' ="' #1$ EO=' 2=C' I Y I =C' D$ "0
E D=C' /=2 K=$1.' %#' I c I =' /=' D2#C' .1=O/#C' F C' EOFN#='
D# CCF"E=' <F 1' E=' N#' DF$FZ1' I =#W 2#' E%"&=" $ '
"C -' M 2 .JF$/' /=C' "C1 1#1 %"C' EF"%" N#=C-' D# CN#='
2=' DFD=' C =C1' %KC1 ".' M "=' DFC' =W.E#1=$' 2=' E%"E%$/F1-'
=' D=#W' =1' =' /% C' /F"C' 2=C' E $E%"C1F"E=C' FE1#=22=C' L

$="%"E=$ ' ;%2M- I=CC=#$C /#EOFD1$=- N#=2C C%"1 I=C D$"E D=C$ <F1=C+2=C E%""FZ1$= M &%C E#$.C ' 2C C%"1 1%#C M 2F&F"2FJ= /= 2F $=2J%"- =1 = "= I ="" .EF$1=$F ' F I F C R 5

"" $=E=&F"1 E=22= $.D%"C= M 2=#$C D$%1=C1F1%"C /= /.&%#=I="1- E=C I=CC=#$C /# EOFD1$= /#$="1 E%I0 D$="/$=#'"D=#1F$/ &=I="1M N#=22= /.I F$EO= "E%"0 C /.$.= 2C C.1F="1 2F CC.' ="1$FZ"=$- =1 N#=Z DF$1 ' 2=I D=$=#$C= D$%D%CF1 / ="1$=$ ' F/$=CC= "CD$.= DF$2= EF$/"FZ F#$L' "F&F1 DFC="=<<=1 /F#1$= K#1 N#= /="JFJ=$2=C D=$C%""FJ=C 2=C D2#C E%"C /.$FK2=C /# E2=$J.' /= 7F$C /F"C 2F N#=$=22= /# EO=< /= 2=I0 D $= F&=E 2= EO=< /= 2F $=2J%"" EF1O%2 N#=- =1 /= /%""=$ M ="1="/$= F# DFD= N#= 1%#C 2=C =EE2.C FC1 N#=C /= 1=I D $= <$F"PF C D$%<=CCF="1 2=C I Y I =C I FW I =C ' < "" / =""E%"&F "E$= D2#C C]$=I="1 7 = ; - 2=I D=0 $=#$- DF$<F1=I="1 CF1 C<F1 /=C DF$%2=C N#= F#$L' F&F1 C# I=11$= /F"C 2F K%#EO= /=C EOF"% "=C /= CF EF1O./$F2=- " =#1 $ ="" /.' C' D$=CC.' N#= /= <F $= C#$J $ /= DF$1%#1 2=C D2#C EOF2=#$=#C=C F/O.C %"C F#W /%E0 1$ "=C .I C=C DF$2= EOFD1$= I.1$%D%2 1F "" /= !%2$=+

) ' % I I F $= /= 2="1$=2 ="" /= F F =C1.' F&=E 2= EOFD1$= /= 7F$C M 2F#/="E= /# / I F"EO= ' F"& =$ ' (%"C=$&.' DF$ I ' 2=C DFD =$C / 41- =1 "%"" "C.$.' /F"C 2F ! ' ' " # ' 9 :6

3F I =' 3 ="" "=' <# -' M E=' N# 2 DF$%Z2-' D2#C' <FE 2=-' E2-' 2=' C J"FZ' #"=' <% C' /%"".-' 2=C' F/$=CC=C' FK%"/Q$="1' M 7F$ C' = I D=$=#$' 1$%#&F' CF"C' /%#1=' #"=' CF1 C<FE1 %"' DF$1 E#2 Q$=' =1' E% I I =' #"' $.JFZ' /=' D$ "E=' M' I =11$=' /=' D$.<.$="E=' ="' .& /="E=' 2=C' I F" <=C1F1 %"C' JF22 EF"=C' F$$FEO.=C' F#W' EOFD 1$=C' / 1F2 =' $ EF$' 1F"/ C' N#=' 2=C' F/$=CC=C' <$F"PF C=C-' <$% /= I ="1' C%22 E 1.=C-' /= I =#0 $F ="1' %KCE#$. I ="1' ="CQ&=2 =C' /F"C' 2=C' EF$1%"C' /# I " C1Q$=' /=C' E#21=C-' 1%#1=C' E=22=C' N#' F$$ &F ="1' /=' 2 F#1$=' Ec1.' /=C' 2D=C' $=E=&F ="1' F#' E%"1$F $=' 2F' D2#C' J$F"/=' D#K2 E 1.' =C' E%2%""=C' /# ' $' ="' <#$="1' 2 11.$F2= I ="1' ="E% I K$.=C-' D$=CN#=' EOF0 N#=' %#$-' D="/F"1' /=C' I % C' ="1 =$C' #' J$F"/' .1%""= I ="1' /=C' 2=E1=#$C' DF$ C ="C' -' E=C' /%E# I ="1C-' =EE2.C FC1 N#=C' #C#$DF ="1' 1%#1' M' E%#D' 2F' D2FE=' /=' <F&=#$ F#1$=<% C' $.C=$&.=' F#W' K#22=1 "C' /=' 2F' J$F"/=' F$ I .=

"' $.F2 1.-' E=' " .1F 1' DFC' F#W' % C <C' /=' 2F' EFD 1F2=' N# 2C' .1F ="1' /=C1 ".C' = I D=$=#$' C=' C%#E F 1' K=F#0 E%#D' I % "C' /=' 2 =<<Q1' N# 2C' D$%/# $F ="1' M' 7F$ C' N# M' F&%"=' 7 =' -' D$ &.-' %"' C ="' C%#& ="1-' /=' 2F' C%E .1.' /=' C=C' D2#C' "1 I =C' C=$& 1=#$C-' C .1F 1' &#' $=1 $=$' /=D# C' D=#' 1%#C' C=C' 2 &$=C' " 2#' F&F 1' ="2=&.' DFD =$C' =1' D2# I =C-' =1' CF"C' /%#1=' F#CC -' D# CN# =22=' 2#' .1F 1' I F "0 1="F"1' C' E% I D2Q1= I ="1' "#1 2=-' E=11=' K=22=' .E$ 1% $=' ="

%$' E C=2.' N#=' 2=' E% I 1=' F2 I F1%$ C' F&F 1-' F#W' D$= I =$C' %#$C' /=' CF' EFD1 & 1.-' <F 1' F&=E' 1F"1' / FDDF$F1' 1$F"C0 D%$1=$' /F"C' C%" FK "=1' F' 2=E1#$=' /# ' $ ' F&=E' 2F' D$% I ="F/=' /F"C' 2=' D=1 1' F$/ "' /=' 2 .&YEO.-' .1F ="1' I F "1="F"1' 2=C' C=#2=C' / C1$FE1 %"C' D=$ I C=C' M' 7 =' U;4' ' /=' OFK$%2' F&F 1' J$F"/' C% "' N#=' 2=' ' $ ' "=' 2#' I F"N#b1' F I F C-' =1' N#F"/' 2=C' "# I .$%C' /=2M' <=# 22=' %<< E =22=' /=' 2 = I D $=' E%"1="F ="1' N#=2N#=C' "%#&=22=C' D$%D$=C' M' FJ $' C#$' 2 =CD$ 1' /=' C%"' D$ C%"' =$-' 2' C F$0 $F"J=F 1' /=' <FP%"' N# 2C' <#CC="1' D2#C' DF$1 E#2 Q$=0 I ="1' I C' C%#C' C=C' L=#W' 2' D$Y1F' #"=' C#<< CF"1=' F11="1 %"' F#W' F/$=CC=C' "C.$.=C' /F"C' 2=C' ; $ <' /=' F"& =$-' <.&$ =$' =1' I F$C')*))-' 7 =' ; 2' D#1' $=E%"'FZ1$=' N# M' 2 =WE=D1 %"' /=' E "N' EOFD 1$=C' N#' JF$/Q$="1' #"' C 2="E=' C J" < EF1 <-' 1%#C' 2=C' EOF"% "=C' /=C' .&YEO.C' I F "1="#C' ="' 1F2 =' C .1F ="1' = I D$=CC.C' /=' C=' E%"<%$0 I =$' F#' I %1' / %$/$=' ="&%L.' /=' 7F$ C' "' DF$E%#$F"1' 2=' 2 K=22.' /=' E=C' ""% I K$FK2=C' I F" <=C1F1 %"C-' 2' "=' 1 "1' "%"' D2#C' N# M' 2#' /=' E%"C1F1=$' M' N#=2' D% "1' =22=C' .1F ="1' C= I K2FK2=C' 2=C' #"=C' F#W' F#1$=C' =1' 1%#1=C' EF20 N#.=C' C#$' 2=' I Y I =' I %/Q2=' =C1' N# ="' =<<=1' #"' E=$0 1F "' FKK.' %$2%" -' 1O.%2%J ="' /#' D$ "E=' #JQ"=-' 1="F 1' K#$=F#' %#&=$1' / F/$=CC=C' M' 2F"-' =1' ="' <%#$0 " CCF 1' 1%#C' E=#W' N#' 2#' ="' /= I F"/F ="1' 7F$<% C' F#CC' 2=C' D$.<=1C' "% I I .C' DF$' ! FD%2.%"' "=' /./F +

J"F ="1‘ DFC‘ / L‘ I =22$=‘ =#W+ I Y I =C‘ 2F‘ I F "‘ F< ‘" / Y1$=‘ D2#C‘ FCC#$.C‘ N# =22=C‘ <#CC="1‘ 1%#1‘ M‘ <F 1‘ E%"<%$ I =C‘ M‘ E=‘ N# %"‘ F11="/F 1‘ M‘ 7F$ C ‘ 7F$ I ‘ E=C‘ D QE=C‘ / %$ 0 J "=‘ 1F2 ="""=‘ 2=C‘ D2#C‘ D$%D$=C‘ M‘ 2# ‘ EF#C=$‘ #"=‘ /%#2%#$=#C=‘ C#D C=-‘ E% I I ="1‘ 7 =‘ ; ‘ " F#$F 1+ 2‘ DFC‘ $= I F$N#.‘ F&=E‘ #"=‘ 1$ C1=CC=‘ D2#C‘ F I Q$=‘ 2=C‘ F/$=CC=C‘ &%2.=C‘ DF$‘ 2=C‘ EOF"% "=C‘ /=‘ C%"‘ F"E ="‘ / %0 EQC=‘ / I %2F-‘ =1‘ DF$‘ E=#W /=‘ F&%"=-‘ CF‘ $.C /="E=‘ FE1#=22=‘ @ g 7%#$‘ "%#C-‘ N#‘ F&%"C‘ C%#C‘ 2=C‘ L=#W‘ 2=C‘ /.DYEO=C‘ N#%1 / =""=C‘ /=‘ ‘ /=‘ OFK$%2-‘ "%#C‘ C% I I =C‘ D%$1.‘ M‘ E$% $=‘ N#=‘ E=1‘ FE1 < <%"E1 %""F $=‘ F#$F‘ &%#2#-‘ D%#$‘ 1 $=$‘ / = I KF$$FC‘ 2=‘ EOFD 1$=‘ /=‘ C%"‘ /.DF$1= I ="1-‘ D$="/$=‘ 2# + I Y I =‘ 2F‘ D2# I =‘ ="‘ E=11=‘ /.2 EF1=‘ E $E%"C1F"E=-‘ 1F"1‘ %"‘ $=1$%#&=‘ /F"C‘ 2=‘ <FE1# I ‘ C% +/ CF"1‘ =EE2.C FC1 N#=‘ /#‘ EOFD 1$=‘ /=‘ F&%"=‘ 2=C‘ =WD$=CC %"C‘ OFK 1#=22= I ="1‘ = I D2%L.=C‘ DF$‘ 2=‘ D$.<=1‘ /=‘ %"1="%12=-‘ =1‘ N#=‘ 2# + I Y I =‘ -‘ D%#$‘ D2#C‘ /=‘ C]$=1.-‘ F&F 1‘ =#‘ 2=‘ CK "‘ / = I D$#"1=$‘ M‘ C%"‘ I D.$ F2‘ E%$$=CD%"/F"1 ‘ 8#% ‘ N# 2‘ ="‘ C% 1-‘ 2F‘ 1="=#$‘ /=‘ E=‘ /%E# I ="1-‘ = I D$= "1‘ /# D2#C‘ <F"F1 0 N#=‘ ="1O%#C FC I =-‘ FJ$.F‘ C ‘ <%$1‘ M‘ 2 = I D=$=#$-‘ N#=‘ E "N‘ %#$C‘ FD$QC‘ C%"‘ FDDF$ 1 %"‘ F#‘ ' $ ‘ 2‘ %$/%""F 1‘ M‘ C%"‘ I " C1$=‘ /=C‘ E#21=C‘ /=‘ E% I D1=$

7 ! ' 34' ! ' ! ! ' `

' ! '" # "$ % & '" '" '(%) * #%) & ' %++", (& -".

%$C N#=2N#=C <F&=#$C "C J" < F"1=C F "C ' /. / F 0 J"=#C= I ="1' FEE%$/.=C C% 1' D%#$ 2=#$ .J2 C=-' C% 1' D%#$ =#W+ I Y I =C-' 2=C FE1=C /=' <bEO=#C=' /%E 2 1.' N#=' "%#C &="%"C /=' $FE%"1=$ "=' $FDD%$1Q$="1' DFC F2%$C J$F"/' D$%< 1' F#W =EE2.C FC1 N#=C N# ' C=' 2=C D=$ I $="1 ')) =C1' F#' E%"1$F $=' .& /="1-' D%#$ N# E%"N#=' F .1#/ .' / #"' D=## D$QC 2=C FE1=C =1' 2=C DF$%2=C /=' 2 = I D=$=#$ M E=11=' .D%N#=' /=' CF & =-' N#=' 2 %KC.N# =#C=' /. I F$EO=' /# EOFD 1$=' /=' ! %1$=+3F I =' /=' 7F$ C =1' 2=C "% I K$=#C=C F/O.C %"C C' <FE 2= I ="1' FEE%$/.=C F#W E% I D2F CF"1=C /%E1$ "=C /# EF$/ "F2+F$EO=&YN#=' /=' 7F$ C "=' E%"1$ 0 K#Q$="1' DFC C=#2= I ="1' M / I "#=$ K=F#E%#D' 2F E%"0 C /.$F1 %"' /. M N#=2N#=' D=# ="1F I .=' N#=' ! FD%2.%"' F&F 1' F/ C D$%<=CC.=' D%#$ 2=' E2=$J.' EF1O%2 N#=-' =22=C 1=' D%#CCQ$="1' ="E%$=' M I #21 D2 =$ C=C /= I F" /=C ' ' DF$1 $ /=' E=' I % I ="1' %"' 2=' & 1' D$%E2F I =$ ="' 1%#1=' %EEFC %"' =1' D2#C OF#1' N#=' F I F C E=21=' I FW I =' / 1F1' $ N# .&QN#=C-' EOF"% "=C =1' E#$.C 2#' /=&F ="1' 1%#C #"=' %K. CCF"E=' .JF2=' M E=22=' /=C F#1$=C <%"E1 %"0 "F $=C /=' C%"' = I D $=' 1-' /=' K%""=' <% -' N#% ' / .2%"+

) ' d 3%""=C - ' 2 &$=C /=' J$F1 < EF1 %"' M' 2 .&QN#=' /=' F&%"=-' N# ' =C1' <%$1' DF#&$=' ' 6' =11$=' /=' 2 = I D=$=#$ M ' 2=' E% I 1=' /% 7$. F I =' =# %' I F$C)*)) ' 6' + ! ' = ' > # ' 1-' GG -' D' ,`

?@ ‘ ! ‘ ‘ ‘ 7 ‘ 7

"F"1g‘ 8#F"/‘ F#‘ C= "‘ / #"=‘ J2 C=-‘ /%"1‘ 2 F#2%$ 2.‘ =C1‘ 1%#1=‘ I %$F2=-‘ 2=C‘ J$F"/C‘ EF$FE1Q$=C‘ %"1‘ J$F/#=22= I ="1‘ / CDF$#-‘ N#F"/‘ 2 =CD$ 1‘ /=‘ E%$DC‘ <F 1‘ FKC%2# I ="1‘ /.0 <F#1-‘ N#F"/‘ 2=‘ C% "‘ /=‘ CF‘ / J" 1.‘ D$.%EE#D=‘ C‘ D=#‘ EOFE#"‘ /=‘ C=C I = I K$=C-‘ N# F#‘ 2 =#‘ / ="‘ $=CC="1 $‘ 2F‘ D=$1=‘ E% I I =‘ #"=‘ O%"1=‘ $$.DF$FK2=-‘ 2=C‘ D2#C‘ E%"C /.0 $FK2=C‘ "=‘ $=JF$/="1‘ DFC‘ M‘ C ="‘ D$.&F2% $‘ E% I I =‘ / #"‘ I .$ 1=-‘ 2‘ =C1‘ F=‘ N#=‘ E=2#‘ N#‘ F‘ =W J.‘ /=‘ 2=#$‘ DF$1‘ E=C‘ /.CFC1$=#W‘ CFE$ < E=C‘ %"‘ /= I =#$=‘ 2%"J1= I DC‘ $=E%""F CCF"1‘ 7F$‘ #"‘ #C1=‘ $=1%#$-‘ E =C1‘ 2=‘ D2#C‘ C%#0 &="1‘ /=‘ 2F‘ I F "‘ /#‘ I FZ1$=‘ N# 2C‘ %"1‘ =#‘ 2F‘ <F K2=CC=‘ /=‘ C=‘ /%""=$‘ N#=‘ E=C‘ D$Y1$=C‘ E%#DFK2=C‘ "=‘ 1F$/="1‘ DFC‘ M‘ $=E=&% $‘ 2=#$‘ EOb1 I ="1‘ ‘ "‘ =WF21F"1‘ C%"‘ %$J#= 2-‘ 2C‘ ="‘ %"1‘ <F 1-‘ D%#$‘ 2=#$‘ I F2O=#$‘ =1‘ D%#$‘ 2=‘ C ="-‘ #"‘ /=CD%1=‘ "C="C.‘ /%"1‘ #"‘ %#$‘ %#‘ 2 F#1$=‘ 2C‘ C=‘ C="1 0 $%"1‘ =#W + I c I =C‘ "EFDFK2=C‘ /=‘ CF1 C<F $=‘ 2=C‘ E$% C0 CF"1=C‘ =W J="E=C

=2‘ .1F 1‘ /. M-‘ ‘ ‘ /=‘ ‘ 2 .1$F"J=‘ .1F1‘ / =CD$ 1‘ %a‘ .1F 1‘ 1% I K.‘ 2 F#1=#$‘ /#‘ E%"E%$/F1-‘ N# #"‘ "C1F"1‘ 2‘ "=‘ C%"J=F‘ M‘ $ ="‘ I % "C‘ N# M‘ $.J2=$‘ DF$‘ &% =‘ 2.J C2F1 &=-‘ F&=E‘ 2=‘ C=#2‘ E%"E%#$C‘ /=‘ C%"‘ C."F1‘ =1‘ /=‘ C=C‘ /.D#1.C-‘ ‘ N#=C1 %"‘ /=‘ 2 "C1 1#1 %"‘ EF"%" N#=‘ /=C‘ .&YN#=C‘ =‘ %#$‘ I Y I =‘ %a‘ 2‘ F&F 1‘ $=P#‘ F#W‘ # 2=$ =C‘ 2F‘ /.D#1F1 %"‘ /=C‘ EOF"% "=C‘ /=‘ 7F$ C-‘ <$FDD.‘ CF"C‘ /%#1=‘ /=‘ 2 O# I 2 1.‘ /=‘ 2=#$‘ F11 +

7 2 2! " 34 ! ! ! \

2#/=- N# "% <F CF 1 D$.+&% $ F#E#" %KC1FE2=- E% I D0 1F"1 D%#$ 2 F /=$ /F"C E=11= n#&$= C#$ 2 FDD# /= D2#0 C =#$C I = I K$=C /= C%" E%"C= 2 N# 2 CF&F 1 Y1$= I F2 / CD%C.C D%#$ 2= CF "1+C QJ= ! FD%2.%" /%""F 2 %$/$= M C%" I " C1$= /=C E#21=C /= $.#" $ /F"C #"= I Y I = E% I I CC %" FEO EOF"E=2 %$ F I KFE.$QC- 2= I " C1$= / 1F1 .J"F#21 /= F "1+:=F"+/ p"J.2L =1 2=C E%"0 C= 22=$C / 1F1 %#2FL /= 2F =#$1K= =1 =$2 " m 8#=22= N#= <]1 =" E=C I F1 Q$=C 2=#$ "E2 "F1 %" D=$C%""=22=- 2 C= 1$%#&F N#= E=C C=$& 1=#$C X.2.C /= 2 = I D=$=#$- / #" I .$ 1= C . I "="1- N#% N#= C "<.$ =#$C M 2=#$ I FZ1$=- C= I %"1$Q$="1 =" E=11= E $E%"C1F"E= K=F#E%#D D2#C CFJ=C D%2 1 N#=C N#= 2# 2C $.#CC $="1 M 2# <F $= D=# M D=# $=E%""FZ1$= N# F#W L=#W /# E2=$J.' <$F"PF C =1 /= 1%#C C=C C# =1C F11FEO.C M 2F <%' EF1O%2 N#= #" D$% =1 /= 2%' /.2 K.$.' DF$ 2=C I = I K$=C 2FVN#=C /# C."F1 =1 /# %$DC 2.J C2F1 < " F#$F 1 DFC #"= C#<< CF"1= F#1%$ 1.- =1 N# 2 $ CN#=$F 1- I F2J$.' 2F C.&.$ 1.' /=C CF"E1 %"C D."F2=C /%"1 2 C=$F 1 ="1%#$.- /= "= $="0 E%"1$=$ F I F C N# #"= 1$QC+ "E% I D2Q1= %K. CCF"E=' 3. M N#F$F"1=+O# 1 O=#$=C F#DF$F&F"1 ' J%1 /=

)' =11$= /= 2 = I D=$=#$ M ' 2= E% I 1= 3 J%1 /= 7$.F I ="=#- ' F"0 & =$ *12 ' (=11= 2=11$= " =C1 DFC "C.$.= /F"C 2F ! ' '

%#$ D2#C D$%"%"E.= /#E EO=< /= 2 = I D $=M C= I Y2=$ /=C F<<F $=C /=-)F $=2 J %"= =1M C I I CE=$ & %2= I I ="1 /F"C 2=C N#=C1 %"C /= <% ' =1 /= E%"CE ="E=' XF$$= "1=$&=$C %"= /=C $c2=C S F"/ C N#= /=C D$.2F1C / F 20 2=#$C C "EQ$= I ="1E%"&F "E#C /.C=$1F ="1 DF$ <F K2=CC= 2F EF#C= /= 2=#$ J2 C=- / F"E ="C $.&%2#1 %"" "F $=C- 2F D2#DF$1 F/&=$CF $=C F&.$.C /=C E$%LF"E=C EF1O%0 2 N#=C- %# D%#$ 2= I % "C DF$<F 1= I ="1 "/ <<.$="1C- D$="F ="1 C%#C I F "C CF /.<="C= DF$ C I D2= K%"= C="C =1 DF$ D#$= I %/.$F1 %"= /= EF$FE1Q$=' d ! = &%#C E% I 0 D$% I =11=X DFC "#1 2= I ="1- / CF 1 1%#1 KFC ' .J"F#21 /= F "1+:=F"+/ "J.2L /= 2F DF$1 /= C=C E%22QJ#=C F#W .&YN#=C /= %#$C =1 /= ! F"1=CS 2 = I D=$=#$ "= &%#C .E%#1=$F 1 DFC' F CC=X+"%#C <F $=S "%#C .2Q&=0 $%"C /=C %K =E1 %"C M 2F E% I I CC %"= /# E%"C= 2 / 1F1S "%#C <=$%"C "FZ1$= /=C %KC1FE2=C-+"%#C %DD%C=$%"C /=C 2="1=#$C- =1 2= D$% =1 1% I K=$F /= 2# + I Y I = M 2 =F#' 5))) ="= <#1 =<<=E1 &= I ="1 F "C ' ! FD%2.%"- N#' E C= /.< F 1 D% "1 ="= I F1 Q$= $=2 J =#C= /=C %D " %"C /= F I KFE.$QC- /= ' .J"F#21 /= F "1+:=F"+/ "+ J.2L- %#2FL' =1 =$2 "- /.E%#&$ 1 ="= 2=C / CE#1F"1 F&=E =#W 2=C "=W1$ EFK2=C / << E#21.C /= 2F I C= M =W.E#1 %"= /= 2F 2%' N# 2 F&F 1 / FK%$/' C%"J.' M <F $= D%$1=$ F# %$DC 2.J C2F1 <' 2 L $="%"PF- C' 2= CEO C I = FCC=X D$%KFK2= /%"1 2F $F"E= <#1 #"= "C1F"1 I ="FE.= <#1

(2 2$! ' ' ' 7 ' 7

='" =<<=1' .& 1.-' &% 2M D%#$1F"1-' ='" 1%#1=' &.$ 1.-' M N#=2C /%E1=#$C 2 J2 C=' ='" <#1' F2%$C D$ "E DF2= I ="1' $=/=0 &FK2=

$=C1=-' 2 O.C 1F1 %"-' Ob1%"C+"%#C /=' 2=' / $=-' "=' $.J"F 1' DFC F2%$C C=#2= I ="1' /F"C 2=' C= '" /=C E%"C= 2C /# J%#&=$"= I ="1 ' E=11=' .D%N#=' /=' CF & =-' 2 = I D=0 $=#$ 2# + I Y I =' .1F 1' 1%#$ M 1%#$ ='" D$% =-' C#$ E=' C# =1-' F#W C="1 I ="1C 2=C D2#C %DD%C.CS CF E%"/# 1=' =1' C%"' 2F"JFJ=' EOF"J=F ="1' E%"1 "#=22= I ="1' =1' D$.C="1F ="1' /# %#$ F# 2="/= I F '" 2=C D2#C .1$F"J=C E%"1$FC1=C ' =$1=C 2 I D$=CC %"' N# ' C= I K2=$F 1' M D$= I Q$=' &#=' $.C#21=$ 2=' D2#C E2F $= I ="1' /=C CEQ"=C D2= "=C /=' OF#1=#$ N#=' "%#C F&%"C I C=C C%#C 2=C L=#W /=' "%C 2=E1=#$C-' /=C DF$%2=C F$$%JF"1=C / E1.=C M ' /=' OF0 K$%2 D%#$ N# 2 2=C <1' ="1=" /$=' F# CF "1+DQ$=' M F+' &%"=-' =1' /=' $%$J#= 22=#C% F22%E#1 %"' F/$=CC.=' F# EOFD 1$=' /=' 7F$ C-' E =C1 N#=' "%"+C=#2= I ="1' 2 = I D=$=#$ .1F 1' D2= '" /=' E%"< F"E=' /F"C 2F $=E1 1#/=' /=' CF E%"0 /# 1=' M 2 .JF$/' /# EO=</=' 2 J2 C=' EF1O%2 N#=-' =1' /F"C 2 =WE=22="E=' /=' CF 1OQC=' F# C# =1' /=' 2 "C1 1#1 %"' EF"%0 " N#=' /=C .&YN#=C-' I F C F#CC ' N# 2 C=' 1="F 1' D%#$ E=$1F '" / F&% $ /=' C%"' Ec1.' /F"C E=11=' N#=$=22=' 2 %D 0 " %"' /=C O% I I =C .E2F $.C-' 2F CL I DF1O =' /=C O%"'Y1=C J="C =1' 2=' C="1 I ="1' /=C I FCC=C ' # <%"/-' 2 C ='" <F20 2F 1' /=' K=F#E%#D N# 2 ='" < 1F "C ' F"1' / FCC#$F"E=

C=$&F 1' #" N#= I ="1' M $=E%#&$ $' /=' C.$ =#C=C' "N# .0
1#/=C' C% J"=#C= I ="1' / CC I #2.=C' ! FD%2.%"-' F11="1 <'
M <F $=' "FZ1$=' EO=X' 2=C' F#1$=C' /=' 1$% I D=#C=C' 22#C %"C-'
C=' $="/F 1' K ="' E% I D1= D%#$' 2# + I Y I =' /=' 2 .1F1' &.$ 0
1FK2=' /=C' =CD$ 1C-' =1 /. I Y2F 1' DF$<F 1= I ="1' N# ="1$=' 2='
DFD=' .1' 2#' 2 %D " %"' D#K2 N#=-' N#% N#=' C' I F2' "<%$0
I .=' =1' C' C.&Q$= I ="1' E%"1="#=-' .1F 1' D2#1c1' <F&%$FK2='
M' C%"' F/&=$CF $=' =' K$=<' $.E= I I ="1' F/$=CC.' /=' F+'
&%"=' DF$' 7 =' ' F#' EF$/ "F2' F#$L'F&F 1' =WE 1.' EO=X'
2#' 2=' I Y I =' I .2F"J=' /=' E%2Q$=' $.=22=' =1' /=' /./F "-'
F<2=E2.' N# F&F 1' "FJ#Q$=' D$%/# 1' 2F' K#22=' / =WE% I I #0
" EF1 %"' 3F"C' 2=C' /=#W' %EEFC %"C' C%"' F11 1#/=' <#1'
C= I K2FK2=' 3=&F"1' 2=C' <F I 2 =$C' /%"1' 2' .1F 1' C]$-' 2'
DF$2F 1' /=' 2 FE1=' / % I " D%1="E=' $=2 J =#C=' N#=' 2=' DFD='
&="F 1' /=' C=' D=$ I =11$=' E% I I =' / #"=' 1$QC+/F"J=$=#C='
I =C#$=' %#$/ =' DF$' 2=' CF "1+DQ$=' F&=E' 2F' D2#C' D=$< /='
"% $E=#$' "' D$.C="E=' /=C' I = I K$=C' /#' E2=$J.-' 2'
F&F 1' C% "' /=' " L' <F $=' N#=' /=C' F22#C %"C' &FJ#=C' =1'
/.1%#$".=C-' E% I I =' M' #"=' &F "=' I F" <=C1F1 %"' F' 2F0
N#=22=' 2' " F21FEKF 1' F#E#"=' I D%$1F"E=' 3F"C' C=C'
' ' /F"C' ' ' !! ' " '
2' " =#' <#1' C=#2= I ="1' N#=C1 %"' "E%"C C1F"E=' /='
E=21=' E%"/# 1=' /. I %"1$=' M' N#=2' D% "1-' I F2J$.' C%"'
I .D$ C' F<< EO.' D%#$' 2F' #$ / E1 %"' CD $ 1#=22=' /#' C%#0
&=$F "' D%"1 <=-' 2 = I D=$=#$' F#$F 1' C%#OF 1.' N#=' 2=' D#+

‘ 4 ‘ ! ‘ ‘ ‘7 ‘ 7

K2 E‘ /=‘ $F"E=‘=1‘ C#$1%#1‘ 2=‘ E2=$J.‘ /=‘ 7F$ C‘ J"%$FC0 C="1‘ FKC%2# I ="1‘ N#=‘ 2=‘ EO% W‘ /#‘ EF$/ "F2‘ F#$L‘ F&F 1‘ .1.‘ EF"%" N#= I ="1‘ K2b I .‘ =1‘ F""#2.‘ DF$‘ 2=‘ E2 =< /=‘ 2 J2 C=‘ EF1O%2 N#=

&=E‘ N#=22=‘ "C1$#E1 &=‘ .& /="E=‘ "=‘ &% <+%"‘ DFC‘ C .1F2=$‘ E‘ 2=C‘ <2FJ$F"1=C‘ =1‘ I C.$FK2=C‘ E%"1$F/ E1 %"C‘ F#WN#=22=C‘ C%"1‘ DF$<% C‘ $./# 1C‘ 2=C‘ J%#&=$"= I ="2C‘ FKC%2#C‘ I c I =‘ 2=C‘ D2#C‘ <%$1Cs‘ F‘ $.E=D1 %"‘ /#‘ K$=< /#‘ DFD=‘ DF$‘ 2 FKK.‘ / C1$%C‘ F&F 1‘ /.1=$ I ".‘ 2 F$$=C0 1F1 %" ="‘ D2= "=‘ E%#$‘ /=C‘ # 2=$ =C‘ /#‘ & EF $=‘ EFD 1#0 2F $=‘ /=‘ ! %1$=+3F I =‘ %#1‘ 2=‘ I %"/=‘ CF&F 1‘ N#=‘ 1$% C‘ EF$/ "F#W‘ =1‘ D2#C =#$C‘ D$.2F1C‘ 1F2 ="C‘ F&F ="1‘ .1.‘ ="&%L.C‘ F#‘ /% %"‘ /=‘ ; "E="=C‘ DF$E=‘ N# 2C‘ .1F ="1‘ FEE#C.C‘ / F&% $‘ D$ C‘ DF$1‘ M‘ E=1‘ ="&% ‘)) " L‘ F&F 1‘ C‘ D=1 1‘ <%"E1 %""F $=‘ /=‘ 2 = I D $=‘ N#‘ " =]1‘ FDD$ C‘ N#=‘ ‘ 7%$1F2 C‘ F&F 1‘ .1.‘ O%"1=#C= I ="1‘ EOFCC.‘ /#‘ E%"C= 2‘ / 2F1‘ D%#$‘ F&% $‘ =#‘ C=#2= I ="1‘ E%""F CCF"E=‘ /#‘ K$=<-‘ "‘ C‘ O# I K2=‘ E#$.‘ /=‘ & 22FJ=‘ N#‘ ="‘ <]1‘ M‘ J"%$=$‘ N#=‘ 2 F/$=CC=‘ /#‘ EOFD 1$=‘ /=‘ 7F$ C-‘ =1‘ 2=C‘ F/$=CC=C‘ 1F2 =""=C‘ "C.$.=C‘ F#‘ ' $ ‘ " F&F ="1‘ .1.‘ C‘ F$0 /= I I ="1‘ C%22 E 1.=C‘ N# F<"‘ /=‘ D$%1=C1=$‘ E%"1$=‘ 2F‘ 1="=#$‘ /#/ 1‘ K$=<‘ %#1‘ E=2F‘ C .1F 1‘ DFCC.‘ F#‘ &# =1‘ F#‘ C#‘ /=‘ 2F‘ $F"E=‘ ="1 Q$=-‘ /=‘ $#" &E$C‘ EF1O%2 N#=‘ =1‘ E% I I =‘ M‘ 2F‘ <FE=‘ /#‘ E =2‘ ! I D%$1=-‘ 2=‘ K$=< /=‘ 7=‘ ; ‘ FLF"1‘ /.D2#‘ M‘ 2 = I D=$=#$-‘ D=$C%""=‘ /F"C‘ C%"

I ! 2 ' 34 ! ' ! ! >

= I D $= "= /=&F 1 Y1$= E="C.' CF&% $ N# 2 =]1 C=#2= I ="1 =W C1. ' < " N#= "#2 " =" DF$2b1- 2 "= C FJ CCF 1- 2# ' C= I K2F 1+ 2- N#=tP2= " =" D% "1 DF$2=$ 2# + I Y I = ' 3F"C 2= E%#$C /= C%" F22%E#1 %" F#W EOF"% "=C /= 7F$ C- ! FD%2.%"- N#% N# 2 L =]1 E%"1 "#=22= I ="1 D="C.- C .1F 1 K =" JF$/.' / =" C%#<<2=$ I %1 ' Y I = % I CC %" F&F 1 =# 2 =# F# C# =1 /=C F<<F $=C /= 2 J2 C=- N#F"/' ! FD%2.%" F&F 1 %#&=$1 =" /.E= I K$=)* B 2F C=CC %" /# %$DC 2.J C2F1 < &=E 2=C $=D$.C="1F"1C /= 2F "F1 %" CF $.C=$&= =C1 D2#C J$F"/= ="E%$=- EF$ 2 %#K2 = ="1 Q0 $= I ="1- =" $="/F"1 E% I D1= /=C <F 1C C#$&="#C /=D# C 2=#$ /=$" Q$= $.#" %"- /= I ="1 %" "=$ 2 ="2Q&= I ="1 /# DFD= M % I = =1 CF /.1="1 %" M F&%"= = C%"1 2M /=C /.1F 2C N# ' "= 2=C $=JF$/="1 M F#E#" /=J$.' ")*) - 2= %$DC 2.J C2F1 < " =C1 DFC E%"&%N#.' " " F /%"E M 2# ' DF$2=$ /= $ =" ' 1$F"J= FK=$$F1 %" /= E= J$F"/' J." = /.&%L.s % I I ="1 2 = I D=$=#$ F&=E CF I =$&= 22=#C= CFJFE 1.' D%#&F 1+ 2 C= < J#$=$ N# =" C "+ E$/ CF"1 M 2# + I Y I = /= $=2F1=$ D#K2 N#= I ="1 /=C .&."= I ="1C N# ' 2# ' .1F ="1 /.CFJ$.FK2=C- 2 I D%C=$F 1 DF$ E=2F C=#2 2= C 2="E= M 1%#1 2= I %"/=g 1 N#=2 I % I ="1 EO% C CCF 1 F2%$C ! FD%2.%"g #C1= E=2# ' %a 2 &="F 1 /= E%"< =$ M #"= $.#" %" / =EE2.C FC1 N#=C $=0 "% I I .C DF$ 2=#$ CE ="E= 2= C% " /= $.C%#/$= 2=C I Y I =C N#=C1 %"C (#' .1F ="1 F2%$C CE=$Q1= "="1- I F C

; '

i

DFCC %"". I ="1‘ /.KF11#=C‘ /F"C‘ 1%#C‘ 2=C‘ CF2%"C‘ =1‘ /F"C‘ 1%#1=C‘ 2=C‘ CFE$ C1 =C‘ /=‘ C%"‘ = I D $=

=D="/F"1‘ E=‘ C 2="E=‘ $ / E#2=‘ M‘ E% I I F"/=$-‘ DF$E=‘ N# ‘ .1F 1‘ I D%CC K2=‘ M‘ %K1=" $-‘ "=‘ C#<< CF 1‘ D2#C‘ M‘ 2 = I D=$=#$ ‘))) 2# ‘ <F22F 1‘ F&F"1‘ 1%#1‘ /%""=$‘ 2=‘ EOF"J=‘ M‘ 2 %D " %" ‘ #"‘ /=C‘ I %L="C‘ F2%$C‘ =" D2%L.C‘ <#1‘ / "0 C.$=$‘ 1%#1‘ F#‘ 2%"J‘ F# ' $ ‘ 2F‘ /.2 K.$F1 %"‘ /#‘ E%"C= ‘ / 1F1‘ N# ‘ /.E2F$F 1‘ "#‘ =1‘ "%"‘ F&="#‘ D%#$‘ EF#C=‘ / FK#C‘ 2=‘ K$=<‘ /#‘ DFD=‘ $=2F1 <‘ M‘ 2F‘ "% I "F1 %"‘ /=‘ ‘ / C I %"/‘ M‘ 2%$="E=‘ 7# CN#=‘ 2=‘ E%"C= ‘ / 1F1‘ " FLF 1‘ DFC‘ C%"J.‘ M‘ EFCC=$‘ 2=‘ K$=<‘ 1%#1‘ C= I K2FK2=‘ N# %"‘ / CF 1‘ F&% $‘ .1.‘ $="/#‘ E%"1$=‘ 2F‘ "% I "F1 %"‘ /#‘ EF$/ "F‘ F#$L-‘ 2=‘ D#K2 E‘ /=&F 1‘ Y1$=‘ E%"/# 1‘ M‘ E%"0 E2#$=‘ N#=‘ E=‘ K$=<‘ " F&F 1‘ F I F C‘ =W C1.‘ =1‘ N# ‘ .1F 1‘ #"=‘ D#$=‘ "&="1 %"‘ /=C‘ ="="= I C‘ /#‘ $.J I =‘ I D.$ F2R‘ F2O=#$=#C= I ="1‘ /=‘ DF$= 2C‘ C#K1=$<#J=C‘ " .1F ="1‘ DFC‘ /=‘ I C=‘ F#D$QC‘ /=C‘ D=$C%""=C‘ 1F"1‘ C% 1‘ D=#‘ "C1$# 1=C‘ /=‘ E=‘ N# ‘ C .1F 1‘ DFCC.‘))) .1F 1-‘ DF$‘ =W= I D2=-‘ K ="‘ / <m‘ < E 2=‘ N#=‘ 2=‘ I " C1$=‘ /=C‘ E#21=C-‘ /F"C‘ 2=‘ $FDD%$1‘ N# ‘ F&F 1‘ I CC %"‘ /=‘ $./ J=$‘ D%#$‘ 2=C‘ I = I K$=C‘ /=‘ 2F‘ E% I 0 I CC %"‘ =EE2.C FC1 N#=-‘ "=‘ 2=#$‘ 1%#EOb1‘ DFC‘ F#‘ I % "C‘ 4"‘ I %1‘ /=C‘ <F 1C‘ E%"C /.$FK2=C‘ /%"1‘ %"‘ F&F 1‘ C% J"=#0 C= I ="1‘ /.$%K.‘ 2F‘ E%""F CCF"E=‘ F#‘ %$DC‘ 2.J C2F1 <

) ‘ $ ‘ /# # & =$)*))

2 .1F 1 #"= $.#" %" / % I I =C F#WN#=2C 2 = I D=$=#$ " =]1 D%#$1F"1 F#E#" "1.$Y1 M / CC I #2=$ 2F &.$ 1.- DF$E= N# 2C 2Fu E%""F CCF ="1 DF$<F 1= I ="1 =1 DF$E= N# 2C 2# ' .1F ="1 ="1 Q$= I ="1 /.&%#.C- E .1F ="1 E=#W F#WN#=2C ' J%1 F22F 1 F&% $ M C F/$=CC=$ ' F C 2 OF0 K 1#/= /= 1%# %#$C I ="1 $ .1F 1 2F D2#C <%$1=- =1 &% E ' N#=22=C C "J#2 Q$=C "C1$#E1 %"C 2 = I D=$=#$ D$ 1 C% "- /F"C E=11= %EEFC %"- /= <F $= 2# + I Y I = DF$&=" $ M C%" I " C1$= /=C E#21=C ' d := &%#C $="&% = &%1$= =WD%C. ' C#$ 2=C F<<F $=C F&=E 2= DFD= ' : L 1$%#&= /=C "=WFE1 0 1#/=C ' 7F$ =W= I D2=- 2F $.#" %" /=C 1F1C $% I F "C M 2 = I D $= F =# 2 =# 2%$CN#= 2= DFD= .1F 1 M F&%"=- =1 "%" 2%$CN# 2 .1F 1 M % I =@ ')) "= <F#1 DFC DF$2=$ /= 2 FKK. / C1$%C " ' /= C%" DF I DO2=1- =1 I % "C ="E%$= /# I F$ FJ=+=1 /= 2F 2.J 1 I 1. ' /= 2 ="<F"1 E=2F =C1 1$%D FKC#$/= ' 2 <F#1 / $= N# F#CC 1c1 N# #" E%#$$ =$ I =#1 "C1$# 1 N# %" F&F 1 .1. ' %K2 J. ' / .2% J"=$ 2= DFD= /= % I =-

) ' =C1 2 FCC=$1 %" 12= ! FD%2.%" N# ' =C1 =$$%" .=- F "C ' N#= C ="' C%#0 & ="" ="1 D=#1+Y1$= "%C 2=E1=#$C ' F D$ C= /= D%CC=CC %" /= % I = =1 2F C#KC1 1#1 %" F# EOb1=F# F "1+ "J= /=C E%#2=#$C <$F"PF C=C F# /$FD=F# D%"1 < EF2 F&F ="1 =# 2 E#2= B # ") *) - D=" /F"1 N#= 7 = ; 22 C. %#$"F 1 ="E%$= F# DF2F C /# 8# $ "F2 ' = I D=$=#$! FD%2.%" &=#1 D$%KFK2= I ="1 DF$2=$ /# C[#F1#C+E%"C#4= N# ' "= <#1 =# =<<=1 D#K2 . ' Eo#= D2#C 1F$/

$ % & ' ( ) * ' + , - .

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; "DE$="$ = I KF$$FCC.' C%"J=' M' E%"'&%N#=$' #"' E%"E 2=' "F1 %"F2-'=1' &=#1' F#DF$F0 &F"1' E%"C#21=$' #"=' E% I I CC %"' / =EE2.C FC1 N#=C' 6' % I D%C 1 %"' /# D$= I =$' % I 1.' =EE2.C FC1 N#=' D$. C /.' DF$' 2=' EF$/ "F2' =CEO' 6' 3 CD%C 1 %"C' FE1#=22=C' : ' EF$/ "F2' =CEO' 6' 2' " F' DFC' J$F"/' E$./ 1' C#$'2F' E% I I CC %"' N# 2' D$.C /= 6' F#$L' ="1 Q$= I ="1' / CE$./ 1=' 6' FKK.' C=' 1 ="1' &%2%"1F $= I ="1' M' 2 .EF$1 6' F$FE1Q$=' =1' "<2#="E=' /=' ' /=' F$$F -' F$EO=&YN#=' /=' %##$C' 6' ' 3"+' && C '" .&YN#=' /=' ! F"1=C 6 8#=C1 %"C' D%C.=C' M 2F' D$= I Q$=' E% I I CC %"' =EE2.0 C FC1 N#=' ++' I KF$$FC' /=' 2F' E% I I CC %"' N#' &%#/$F 1' "=' DFC' 1$%D' I .E%"1="0 1=$' 2 = I D=$=#$' 6' = I D=$=#$' =W J=' /=C' $.D%"C=C' <%$ I =22=C' F#W N#=C1 %"C' N# 2' F' D%C.=C' 6' % I D2F CF"E=C' "< " =C' /=C' .&YN#=C' M 2 .JF$/' /# EO=<' /=' 2 = I D $= 6' :#J= I ="1' D%$1.' DF$' 2 FKK.' I =$L' C#$' 2=C' $.D%"C=C' /=C' .&YN#=C 6' =E%"/=' E% I I CC %"' =EE2.C FC1 N#=' 6' FKK.' /=' 7$F/1' ="' <F 1' DF$1 =' 6' =' N#=' 2 = I 0 D=$=#$' D="CF 1' /=' 2#' F&F' 1' /=' 2=' "% I I =$' F$EO=&YN#=' /=' F2 "=C' =1' C%"' D$=0 I =$' F# I c" =$- 6' "C1$#E1 %"C' $= I C=C' M' 2F' C=E%"/=' E% I I CC %"' =EE2.C FC1 N#= 6' 3 .E=D1 %"' /=' 2 FKK.' I =$L 6')] =CDQ$=' 1$%D' /=' 2F' <=$ I =1.' /=' CEC' E%22QJ#=C+ 6' .D%"C=C' /#' E% I 1.' 6' 2' =C1' C%2E""E = I ="1' FDD=2.' F#W # 2=$ =C' 6' ; %0 2="1=' / F1$ K=' /=' ! FD%2.%"' E%"1$=' 7 E' ; <' 6' 2' "1=$D=22=' / $=E1= I ="1' 2 FKK.' I =$L' 6' .D%"C=C' <=$ I =C' =1' / J"=C' /=' 2 FKK.' I =$L' 6' = I D=$=#$' ="' DF0 $F 1' <$FDD.' 6' 2' 1$F 1=' 2 FKK.' I =$L' F&=E' K=F#E%#D' /=' E%"C /.$F1 %"' 6' 2' C=' /.E /=' M' ="&%L=$' M' F&%"=' 1$F 1=$' F&=E' 2=' DFD=' 6' %$1' /=' 2 "KK.' I =$L

! %#C' F&%"C' =#' /. M' 2 %EEFC %"' / "/ N#=$' N#=22=C' .1F ="1-' F#' <%"/-' 2=C' C=E$Q1=C' / CD%C 1 %"C' /=C' O% I I =C' D%2 1 N#=C' N#=' ' J%1' /=' 7$.F I ="=#' F&F 1' $=P#' 2 %$/$=' /=' $.#" $' &=$C' 2F' <'" /=' 2 F"".=')* B' D%#$' / CE#1=$' /F"C' #"' E%"C= 2' DF$1 E#2 Q$= I ="1' C< $' =1' "+

* ' ! ' ' ' 7 ' 7

1 I =' 2=C' F2 F $=C' $=2 J =#C=C' /=&="#=C' D=#' M' D=#+C' E%"C /.$FK2=C-' ='1' N#' F22F ="1-' D=" /F"1' N#=2N#=' 1= I DC' ="E%$=-' < W=$' / #"=' <FP%"' M' D=#' D$QC' =WE2#C &=' 2 F10 1="1 %"' /#' EO=< /=' 2 = I D $=' ! %#C' F&%"C' .JF2= I ="1' 2bEO.' / =WD2 N#=$' E% I I ="1-' /.D2#C' ="' D2#C' =<<$FL.C' /=' 2F' <%2 =' E$% CCF"1=' /=C' /=CC= "C' /%"1' 2C' F&F ="1' $=P#' 2F' E%"< /="E=' ' F I KFE.$QC-' .J"F#21' /=' F "1+' :=F"+/ "J.2L' =1' 1%#C' 2=C' I = I K$=C' /#' E% I 1.-' E=#W+' 2M' I c I =C' N#=' ! FD%2.%"' C=' E% I D2F CF 1' M' "% I I =$' ="' D2F CF"1F"1' d2=C' DO 2%C%DO=C' /=' C%"' E%"C= 2' / 2F1-' 5 C .2F ="1-' DF$' /=C' I %1 <C' /=' D#$=' CFJ=CC=' O# I F "=' =1' DF$' C# 1=' /=' 2=#$' K%"' C="C' . I "= I I ="1' D$F1 N#=-' ="1=" /#C' M' 2 "C#' /#' I FZ1$=' =1' <%$1' M' 2F' /.$%K.=' F&=E' 2=C' 1$% C' D$ "E DF#W' / J" 1F $=C' /=' 2 J2 C=' EF1O%2 N#=-' E =C1+M+/ $=' F&=E' 2=C' F/&=$CF $=C' N#=' /F"C' 2F' D="C.=' /=' ! FD%2.%"' 2C' .1F ="1' /=C1 ".C' M' E% I KF11$=' =' D$=0 I =$' =<<=1' /=' 2 O=#$=#C=' FE1 %"' /=C' d DO 2%C%DO=C' /=' C%"' E%"C= 2' E2 1F1' 5 F&F 1' .1.' /=' <F $=' F/ I =11$=' 2=#$' "E% I D.1="E=' DF$' 2 = I D=$=#$-' =1' E%"C.N#= I I ="1' 2F' C ="" =' D$%D$=-' /F"C' #"=' F<<F $=' F#CC' <%"E Q$= I ="1' $=2 J =#C=' N#=' 2 .1F 1' E=22=' /=' 2 "C1 1#1 %"' EF"%" N#=' M' /%""=$' F#W' .&YN#=C

F C' C' 2F' N#=C1 %"' /=C' K#22=C' .D CE%DF2=C' "=' $=2=0 &F 1' DFC' /=' 2 F#1%$ 1.' E & 2=-' C' 2=C' D%#&% $C' 2.J C2F1 <C' " F&F ="1' D% "1' N#F2 1.' D%#$' ="' E%""FZ1$=-' C' E=' /$% 1

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FDDF$1="F 1' =WE2#C &= I ="1' M' 2 F 1%$ 2.' =EE2.C FC1 N#=-
/F"C' 2 .1F1' D$.C="1' /=C' EO%C=C-' =1' DF$' C# 1=' /=' 2F' C 0
1#F1 %"' D=$C%""=22=' /#' DFD=-' 7' /=&="F 1' E% I I =' .& 0
/="1' N# #"' E%"E 2=' D%#&F 1' C=#7' Y1$=' I C' ="' /= I =#$='
/=' C=' D$%"%"E=$ ' =21=' /.=' /=' <F $=' 1=" $' #"' E%"E 2='
C%#C' C%"' $QJ"=-' =1' /=' /%""=$' M' 2 #$%D=' #"' CD=E1FE2='
"F11="/#' N# =22=' " F&F 1' DFC' &#' /=D# C' /=C' C QE2=C-'
.1F 1' 2% "' /=' /.D2F $=' M' ! FD%2.%" ' 22=' <2F11F 1' M' 2F' <% C'
C%"' I FJ "F1 %"' =1' C%"' %$J#= 7'$ EF$' 7' L' ="1$=&%LF 1'
D%#$ 2# + I Y I =' E=' N#=' 2 .&."= I ="1' "=' #C1 < F' J#Q$=-'
#"' $c2=' =W1$F%$/ "F $=' DF$= 7' M' E=#W' N# F&F ="1' %#.C'
F/ C-' F#W' 1= I DC' /=' 2F' D$ I 1 &=' J2 C=-' E=C' = I D=$=#$C'
/ $ E"1' =1' / EE /="7' N# 7' C=' D2F CF 1' M' D$="/$='
I F "1="F"1' D%#$ I %/Q2=C ' 3=' I Y I =' N# 7' F&F 1' <F 1'
FDD=7' F#W' I = 22=#$=C' 1Y1=C' D%2 1 N#=C' /=' C%"' = I D $=-'
N#F"/' 7' F&F 1' C%"J.' M' $.J2=$' DF$' &% =' 2.J C2F1 &=' 2=C'
N#=C1 %"C' E%"1$%&=$C.=C' F&=E' 2=' CF "1+DQ$=-' /=' I Y I ='
! FD%2.%"-' F# %#$/ O#' N# 7' $=E%""F CCF 1' 2F' ".E=CC 1.'
/=' $=E%#$ $' D%#$' 2=C' $.C%#/$=' M' 2 F#1%$ 1.' CD $ 1#=22=-'
F&F 1' /.E /.m/=' D$="/$=' 2 F& C' D$.F2FK2=' /=C' I = I 0
K$=C' 2=C' D2#C' OF#1' D2FE.C' /=' C%"' E2=$J.' /=' $F"E='
d =C' = I KF$$FC' /F"C' 2=CN#=2C' 7' C=' C="1F 1' ="<%"E=$'
1%#C' 2=C' %#$C' /F&F"1FJ=' /% I "Q$="1' "F CCF"E=-' 5'
E% I I =' 2=' / 1' <%$1' #C1= I ="1' 2 F#1=#$' /=C' C$ ' ' D
! '-' d M' 2F' <%$ I F1 %"' /=' 2F' D$= I Q$=' =1' /=' 2F' C=+

E%#/= E% I I CC %"" =EE2.C FC1 N#= ! = CFEOF"1 D2#C E% I I ="1 F&F"E=$- "= &%#2F"1 DFC $=E#2=$- ! FD%2.%"" < " 1- E%"1 "#= /= 7$F/1- d DF$ %a 2 F#$F 1 /]' E% I I ="E=$- E =C1+M+/ $= DF$ EO=$EO=$ /=C J# /=C N# 2= / $ J=FCC="1 C#$ E=11= 1=$$= /%"1 2 C= <F1 J#F 1 M DF$E%#$ $ 2=C D$%<%" /=#$C &FJ#=C =1 D%#$ 2# C E% I 0 D2Q1= I ="1 " E % " " # = C d a 2 F"E ="" F$EO=&YN#= /= F2 "=CC= 1$% I D= #"" D=#- E$%L%"C+"%#C- E =C1 N#F" / 2 C#DD%C= N#= 2 = I D=$=#$ / .C $F 1 ="" E=21= %EEFC %"" 1$%#&=$ /=C J# /=C =2F " .1F 1 " / F"C C=C OFK 1#/=C " / F"C C=C J%]1C)) C%#OF 1F 1 /=C F#W 2 F $=C =1 /=C F /=C- F# K=C% "- /=C E% I D2 E=C- E= N# =C1 K ="" / <<.0 $="1 ! %#C "= C% I I =C DFC /F&F"1FJ= D%$1. M E%"0 &=" $ F&=E 2 F#1=#$ /=C C$ ' ' ! ' ' N#=- /# %#$ %a 2 E%"C="1 1 M C .E2F $=$- C#$ N#=2N#=C / .1F 2C- /= 2 F& C /=C I = I K$=C /= CF E% I I CC %"" =EE2.C FC0 1 N#=- ! FD%2.%"" E=CCF 1%#1 M E%#D / %K. $ M CF <%#J#= FEE%#1# I .=- N#= 2%1 1 <#1- DF$EE2F I #"=- F"CC 2a1 $=/$=CC. /F"C CF E%"/# 1=- =1 $= I C E% I I = DF$ ="0 EOF"1= I ="1 /F"C 2F 2 J"= /= 2F $F C%"" =1 /=C &$F C "+ 1.$Y1C /= 2F $=2 J %"" =1 /= 2 v22F1m = C%"1 2M /= D#$=C 22#C %"C 2 =C1 &$F / F 22=#$C N#= 2=C E%"C= 2C /%"1

) / 7$F/1- C$ ' ! ' 1 2- D ''5 EF
/ 7$F/1- C$ ' ! ' 1 - D \ =1 D , `\

2=C D%#&% $C C%"1 2= D2#C 2 I 1.C %"1 ="E%$= DF$ = W+ I Q I =C #"= E=$1F I = F#1%$ 1.' =1 C=$&="1 <%$E. I ="1 /= D% "1 / F$$Y1 ' 2 =C1 "%" I % "C E=$1F " N# FD$QC C Y2$= /%"". ' E= <$= " M 2# + I Y I =- E= N# ' F&F 1 .1.' #CN#=+ 2M CF"C =W= I D2= /= CF DF$1- ! FD%2.%" <#1 DF$<% C %K2 J.' / =" C#DD%$1=$ 2F E%"1$F "1= =1 /= I %/ < =$ N#=2N#=' D=## D%#$ L' %K. $ 2 I D.1#%C 1.' "F1#$=22= /= C=C F 2 2 $=C ' =C1 D%#$N#% - CF"C =WFJ.$=$ 2=#$ I 0 D%$1F"E=- "%#C E$%L%"C K%" / ="1$=$ /F"C N#=2N#=C / .1F 2C C#$ 2=C /=#W E% I I CC %"C =EE2.C FC1 N#=C $.#0 " =C- 2F D$= I Q$= M 2F < " /= "%&= I K$=)* B- =1 2F C=E%" /= &=$C 2= I 2 =# /= F"& =$)*)i)

%$ J "= /= 2F D$= I Q$= E% I I CC %" $= I %"1F 1 F# I % I ="1 %a 2= /.KF1 C#$ 2=C "&=C1 1#$=C .1F 1 /=&="# /=C D2#C & <C ="1$= ! FD%2.%" =1 2= CF "1+DQ$=- =1 N#F" / E= /=$" =$ .1F 1 /. M $=1="# EFD1 < M F&%"= ' =11= E% I I CC %" D$.C /.= DF$ 2= EF$/ "F =CEK F&F 1 F2%$C .1.' E% I D%C.= /# EF$/ "F F#$L- /= 2 F$EO=&YN#= /= %#$C- /=C .&YN#=C /= ;=$E= 2- / &$=#W- /= ! F"1=C- /= $Y&=C- /# DQ$= %"1F"F =1 /= 2 FKK.' I =$L ' F D2#DF$1 /= E=C "% I C "= C%"1 DFC "%#&=F#W D%#$ "%C 2=E1=#$C- =1 "%#C F&%"C =# I F "1=C %EEFC %"C /= 2=#$ <F $= <F $= DF$1 E#2 Q$= I ="1 E%""F CCF"E= F&=E 2 %"E2= /= 2 = I D=$=#$ DF$ 2= $.E 1 /.1F 22.' N#= "%#C F&%"C /%"". ' /= C%" %$FJ=#C= F I KFCCF/= M % I = =" " .+

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1F 1‘ EOF"J.‘ ="“ 2# ‘ /=D# C‘ C%"“ $=1%#$‘ ="“ $F"E=-‘ =1 C%"“ EF$FE1Q$=‘ .1F 1‘ 1%# %#$C‘ $=C1.‘ 2=‘ I Y I =‘ =2=&.‘ DF$‘ 2=C‘ .&."= I ="1C‘ =#W+ I Y I =C‘ /#‘ $c2=‘ / FJ="1‘ / D2% I F0 1 N#=‘ =1‘ /=‘ $=D$.C="1F"1‘ /=‘ C%"“ "=&=#‘ M 2F‘ E%#$‘ DF0 DF2=-‘ 2=‘ EF$/ "F2‘ =CEO‘ F&F 1‘ D$%< 1.‘ /=‘ CF‘ OF#1=‘ D%C 1 %"“ =EE2.C FC1 N#=‘ =1‘ /=C‘ 2 ="C‘ /=‘ DF$="1.‘ N# ‘ 2 #" CCF ="1‘ .1$% 1= I ="1‘ F#‘ C%#&=$F "“ /=‘ 2F‘ $F"E=‘ D%#$‘ F<< EO=$‘ FCC=X‘ 2 K$= I ="1‘ C=C‘ %D " %"C‘ /=‘ 2%"J#=‘ /F1=‘ FCC=X‘ #21$F I %"1F "=C‘ =1‘ /=&="#=C-‘ /=D# C‘ 2=C‘ I F#&F C‘ 1$F 1= I ="1C‘ F#WN#=2C‘ 2‘ F&F 1‘ .1.‘ ="“ K#11=‘ /=‘ 2F‘ DF$1‘ /=‘ C%"“ "=&=#-‘ /=‘ D2#C‘ ="“ D2#C‘ <F&%$FK2=C‘ M 2F‘ EF#C=‘ /#‘ EFD1 <‘ /=‘ F&%"=

=11=‘ C "J#2 Q$=‘ F11 1#/=‘ F&F 1‘ FEN# C‘ M‘ =CEO‘ #"=‘ &.$ 1FK2=‘ D%D#2F$ 1.‘ DF$ I ‘ 2=C‘ I = I K$=C‘ /#‘ E2=$J.-‘ E% I I =‘ /F"C‘ 2=‘ K=F#‘ I %"/=‘ /#‘ <F#K%#$J‘ F "1+ =$0 I F "-‘ 1F"/ C‘ N# =22=‘ 2# ‘ F&F 1‘ DF$‘ E%"1$=‘ F11 $.‘ /=‘ 1=$$ K2=C‘ E%#DC‘ /=‘ K%#1% $‘ /=‘ 2F‘ DF$1‘ /=‘ ! FD%2.%"-‘ N# ‘ C=‘ D2F J"F 1‘ DF$<% C‘ / ‘ =1‘ "%"“ CF"C‘ N#=20 N#=‘ FDDF$="E=‘ /=‘ $F C%"-‘ /=‘ $="E%"1$=$‘ F "C ‘ C#$‘ C%"“ EO= I "“ 2F‘ $.C C1F"E=‘ %D " b1$=‘ /#‘ / J" 1F $=‘ /=‘ 2 J2 C=‘ /=‘ $F"E=‘ C#$‘ 2=N#=2‘ 2‘ F#$F 1‘ =#‘ 2=‘ D2#C‘ /=‘ /$% 1C‘ /=‘ E% I D1=$-‘ =1‘ N# 2‘ " F&F 1‘ / F 22=#$C‘ .2=&.‘ K‘ /=‘ C‘ OF#1=C‘ <%"E1 %"C‘ N# F&=E‘ 2F‘ D="C.=‘ / ="“ <F $=‘ 2=‘ /%E 2=‘ "C1$# I ="1‘ /=‘ C=C‘ /=CC= "C ‘ F C‘ D2#C‘ E=C‘ $=D$%0 EO=C-‘ N#=‘ 2 = I D=$=#$ "=‘ 2# ‘ .DF$J"F 1‘ J#Q$=‘ /F"C

7 2 2 ! ' 34' ! ' ! ! ,

2 "2E$ =#$' /=' 2F' <F I 22=' =1' I Y I =' DF$<% C' /=&F"1' =' D#K2 E-' /=&="F ="1' & <C' =1' " #$ =#W-' D2#C' 2=' EF$/ "F2-' / %$/ "F $=' FCC=X' = I D%$1.' 2# + I Y I =-' CF&F 1' /= I =#$=$' EF2 I =' =1' I DFCC K2=' ' "' &F "' C%"' "=&=#' $=E%#$F 1' D%#$' 2=' /. I %"1=$' F#W' D2F CF"1=$ =C' 2=C' D2#C' /#$=C' FDD2 N#.=C' F#W' I n#$C' /=' CF' =#"=CC=' =1' M' CF' E%"/# 1=' /F"C' 2=C' F"".=C' N#' F&F ="1' D$.E./.' CF' $="1$.=' /F"C' 2=' J $%"' /=' 2 J2 C=$' =CE2 -' "%#C' F' $FE%"1.' C%#&="1' 2 #"' /=C' 1. I % "C' /=' E=C' CEQ"=C' .1$F"J=C-' $=D%#CCF 1' <$% /= I ="1' 2=C' $F C%""= I ="1C' =1' 2=C' CF$EFC I =C' /=' C%"' "=&=#-' C=' $=1$F"EOF"1' /=$$ Q$=' 2F' D$%<%"/=#$' /%C' E%"& E1 %"C' F#WN#=22=C' 2' F&F 1' ="< "' =#' <=' K%"O=#$' /=' $=&=" $' =C1' N# ="' =<<=1' /=D# C' 2=' %#$' %a' 2' .1F 1' F22.' C=' I =11$=' C%#C' 2F' / $=E1 %"' /=' 2 FKK.' I =$L-' 2F' 1="#=' =EE2.C FC1 N#=' /=' 2 F"E ="' EOF"% "=" / FEE %' " F&F 1' D2#C' /%"".' D$ C=' M' 2F' I % "/$=' E$ 1 N#=' 2' F&F 1' $=D$ C' C&=E' #"=' F=' <=$ I =1.' 2=C' OFK 1#/=C-' 2=C' I n#$C' =1' 2=' 2F"JFJ=' /=' C%"' .1F1' ="' /=' D2#C' E%$0 $=E1' N#=' C%"' F11 1#/=' 3=C' F"E ="C' J%]1C' /=' 2 =W+<%#$+' " CC=#$' /=C' & &$=C-' 2' "=' 2#' .1F 1' $=C1.' N#=' 2 F I %#$' D2#C' / CD="/ =#W' N# ="1="/#' /=C' 1FK2=F#W' =1' #"' E=$1F "' D="EOF"1' M' & &$=' /F"C' 2=' 2#W=$' I F C' E=' 2#W=' 2# + I Y I =' F&F 1' $=&Y1#' #"=' FDDF$="E=' DF$<F 1= I ="1' E%"&="FK2=' =1' 1%#1' M' <F 1' ="' $FDD%$1' F&=E' 2F' C 2#F1 %"' D=$C%""=22=' /#' D$ I F1' /=C' F#2=C' =1' /#' J$F"/' F# I]+

w< H< S !H H ' H 74H ' 2 S

" =$ /= 2 = I D $= ' 2 C= E% I D2F CF 1 / F 22=#$C Ó <F $= D$ "E DF2= I ="1 2=C O%""=#$C /= C%"" CD2="/ /= .2F+ K2 CC= I ="1 F#W O% I I =C / J2 C= N# ' E% I D%CF ="1 CF C%E .1.' %$/ "F $=- C "%"" I Y I = <%#1 M <F 1 =WE2#C &=

3F"C E=11= C 1#F1 %"" D%#$ F "C ' / $= "=WD#J"FK2=- 2 "<2#="E= /# EF$/ "F2 %CEO F#$F 1 .1.' D$.D%"/.0 $F"1= F# C= "" /= 2F E% I I CC %"" =EE2.C FC2 E #= C ' CEC E%""F CCF"E=C =1 C=C 2# I Q$=C F&F ="1 .1.' M 2F OF#0 1=#$ /= CF <%$1#"=- %# C 2 F&F 1 C=#2= I ="1 C# <F $= #"" = I D2% ' 1F"1 C% 1 D=# $F C%""FK2= /= 1F"1 / O=#$=#C=C E $E%"C1F"E=C =1 / #"" XQ2= N#= D=$C%""= "= I =11F 1 ="" /%#1= ' F2O=#$=#C= I ="1 D%#$ ECEO-' C=C E%22QJ#=C-' N# ' C= $="/F ="1 DF$<F 1= I ="1 E% I D1= /=C F&F"1FJ=C N#= 2=#$ D$.C /="1 F#$F 1 D# D$%E#$=$ M 2F EF#C= /= 2 J2 C= ="" $F C%"" /= C=C 2 ="C /= <F I 22= F&=E 2 = I 0 D=$=#$-' CF&F ="1 ="E%$= I =#W M N#=2 D% "1 2 .1F 1 EFDFK2= /= 2F E% I D$% I =11$= F#D$QC /= 2# ' DF$ C%"" ' 0 ' ' ' ' ' =1-' E% I I = 2= / 1 E$#=22= I ="1 ' /= 7$F/1-' DF$ CF "F1#$=22= $ ' = $c2= N# ' /F"C 2= C= "" /= 2F E% I I CC %"" =EE2.C FC1 N#= .EOFDDF 1 F "C ' F# EF$/ "F2 =CEO F#$F 1 /]' O .FEO N#= I ="1 $=&=" $ F# EF$0 / "F2 F#$L ' F C /=D# C CF $="1$.= ="" $F"E=- /=D# C C#$1%#1 CF $.E="1= "% I "F1 %"" M 2 F$EO=&YEO.' /= 7F$ C- F#$L' F&F 1 ="1 Q$= I ="1 $# ".' /= C=C D$%+

2 $=C' I F "C' 2=' D$=C1 J=' N#' #CN#=+2M' F&F 1' ="1%#$.' E% I I=' / #"=' F#$.%2=' 2 .2%N#="1' /.<="C=#$' /#' E2=$J.' M' 2 F"E ="'"=' CCQ I K2.=' E%"C1 2#F"2=' F#$L' F&F 1' ="' =<<=1' =#' 2=' 1%$1' /=' E%"C=$&=$' F#' I 2 =#' / #"=' C%E .1.' 1%#1' M' <F 1' $FCC C=' =1' D2#1c1' /. I =C#$. I ="1' $.J2.=' 2=C' OFK 1#/=C' /=' E%"/# 1=' =1' /=' 2F"JFJ=' E%"1$FE1.=C' DF$' 2#' F#W' .D%N#=C' 2=C' D2#C' 1$%#K2.=C' /=' 2F' $.&%2#1 %"' F' /.C "&%21#$=' /=' C=C' <FP%"C' 1$%D' I %"/F "=C' =1' 2F' 2 K=$1.' /=' C=C' D$%D%C' 1$%D' D=#' EOb1 .C' EO%N#F ="1' 2=C' J="C' /=' 2F' E%#$' I D.$ F2=-' 1F"/ C' N#=' /F"C' 2=#$C' $.#" %"C' DF$1 E#2 Q$=C' C=C' E%22QJ#=C' =EE2.C FC1 N#=C-' <F1 J#.C' /=' CF' <FE%"/=' %$F1% $=-' .1F ="1' .1%""'.C' /=' 1$%#&=$' CF' CE ="E=' /=' 1O.%2%J ="' F#CC' E%#$1=

' 2=' I .$ 1=' 2=' D2#C' "E%"1=C1FK2=-' C' 2F' D#$=1.' /=' EF$FE1Q$=' 2F' D2#C' OF#1= I ="1' $=E%""#=-' C' $.1="/#=' "< " =' /=C' E%""F CCF"E=C' CD.E F2=C' =1' 2F' < "=CC=' $=+' "F$N#FK2=' /=C' &#=C' ='" 1%#1=C' EO%C=C' F&F ="1' C# -' "#2' /%#1=' N#=' 2F' / $=E1 %"' C#D.$ =#$=' /#' E% I 1.' " =]1' 1%#1' /=' C# 1=' FDDF$1="#' M' E=2#' /=' CEC' I = I 0 K$=C' N#' %EE#DF 1' /F"C' 2F' O .FEO =' CFE$.=' 2=' $F"J' 2=' D2#C' I %/=C1=' 22=' C=$F 1' &="#=' C %<<$ $' E% I I=' / =22=+ I Y I=' M' 2 FKK.' I =$L-' M' E=1' %$FE2=' /=' 2 J2 C=' /=' $F"E=' /%"1' 2 =CD$ 1' /.DFCCF 1' /=' C' 2% '" DF$' C%'" .1="/#=' 2=C' N#F1$=' I #$F 22=C' /=' F "1+ #2D E=' %#1$=' 2=CN#=22=C' 2 % %)' 1%++' +% '" (%"1' " 2("' % +

,[' ' H ' ' ' 7 ' 7

2 FKK.' ^ "=$L' " .1F 1' ="1$.' N#=' I F2J$.' 2#' /F"C' 2F'
E% I I CC %"R' 3QC' 2=C' D$= I Q$=C' C.F"E=C-' 2' F&F 1'
E% I KF11#' F&=E' CF' I %/.$F1 %"' FEE%-#2# I .=-' I F C' F&=E'
#"=' F=' ."=$J =-' 2=C' C="1 I ="1C' =WD$ I =C' DF$' 2F' I F0
%$ 1.' /=' C=C' E%22QJ#=CS' 2' "=' 2=#$' F&F 1' DFC' / CC I #2.'
N# 2' 2#' C=$F 1' D$%KFK2= I ="1' I D%CC K2=' / F/O.$=$' F#W'
E%"E2#C %"C' &=$C' 2=CN#=22=C' 2F' D2#DF$1' C= I K2F ="1'
/. M' "E2 "=$-' =1-' DF$' 2=' <F 1-' 2' "=' &%#2#1' F I F C' 2=C'
C J"=$-

' /.<F#1' /=' 2 FKK.' I =$L' N#' C%' /.$%KF 1-' 2 "0
<2#="E=' M' =W=$E=$' C#$' 2F' E% I I CC %"' C=' 1$%#&F' DFCC=$'
D$ "E DF2= I ="1' F#W' I F "C' /=' FEO=&cN#=' /=' %#$C-'
' /=' F$$F -' =1' /=' 2 .&QN#=' /=' ! F"1=C-' ' 3#&% C "'
=C' $c2=C' %#.C' DF$' E=C' /=#W' D$.2F1C' C%"1-' /=D# C' E='
I % I ="1-' /=&="#C' C' E%"C /.$FK2=C' /F"C' 1%#1=C' 2=C'
F<<F $=C' C#KC.N#="1=C' /=' 2 J2 C=' /=' $F"E=-' N# 2' "%#C'
<F#1' FKC%2# I ="1-' F&F"1' /=' DFCC=$' %#1$=-' 1%#EO=$' #"-'
I %1' /=' 2=#$C' D=$C%""=C' ' /=' F$$F' =1' ' 3#&% C "'
FDDF$1="F ="1' 1%#C' /=#W' F#' E2=$J.' /=' 2 F"E ="' $.J I =$'
2C' C L' .1F ="1' I Y I =' E$..' DF$' 2=#$' I .$ 1=' =WE=D1 %""=2'
#"=' D%C 1 %"' FCC=X' E%"C /.$FK2=' /QC' F&F"1')*B' 2C

)' =12$E' /=' 2 FKK.' H I =&L' M' 2 .&QN#=' / 2F C-' ' F"& =$')* ' 6'
7F =$C' I FV# CE$ 1C' E%"C=$&.C' F#' C. I "F $=' /=' F F1+ #2 E=' D%#$'
C=$& $' M' .E$ $=' 2F' & =' /=' 2 FKK.' I =$L

F&F = 4' 2 #"" =1' 2 F#2$E' . I J$.' D="/F"1' 2F' =$$=#$-'
D# C' .1F ="1'$="1$.C ="' $F"E='D$=CN#='M' 2F' I Y I ='.D%0
N#=-'D=#' /='1= I DC' FD$QC' 2F' C J"F1#$='/#' E%"E%$/F -' =1'
F&F"1' CF' D#K2 EF2 %"' ' ='D$= I =$' E%"C#'Z' $="E%"1$F' 1%#1'
/=' C# 1='EO=X' =#W' 2=C' / CD%C 1 %"C' E% I I #"=C' F2%$C' M'
1%#C' 2=C' =EE2.C FC1 N#=C' F#WN#=2C' 'Z' &="F 1' /='$%#&$ $' 2=C'
D%$1=C' C' 2%"J1= I DC' <=$ I .=C' /=' 2F' DF1$ =-' E =C1+M+/ E'
#"= C "EQ$='$=E%""F CCF"E='/=' 2 "1.$Y1' N# 'Z' 1. I % 0
J"F 1' F2%$C' D$="/$='F#W' EO%C=C' /='2F' $=2 J %"' =1' D%#$'
CF' D=$C%""='#"='1$QC+& &='F/ I $F1 %"' ' 7F$' 2=#$' D .1.'
.D$%#&.=-' DF$' 2=#$C' I n#$C' =W= I D2F $=C-' DF$' 2F' "F1#$='
/='2=#$C' /%=1$ "=C-' C 'Z' <F#1' 1%#1' / $=-' DF$' 2F' DF$1 F0
2 1.' E% I D2F CF"1=' N# 2C' D$%<=CCF ="1' M' 2 .JF$/' /#'
D%#&% $' N#' &="F 1' /=' C .1FK2 $' C#$' 2F' $# "='/='"%C'
2 K=$1.C-' ' /=' F$$F' =13#&% C "' C='1$%#&F ="1' "F0
1#$=22= I ="1' /.C J".C' M' 2F' K ="&= 22F"E='/=' ! FD%2.%"'
7%#$' I =11$='M'2F' 1Q1='/#' E2=$J.' N# 'Z' .1F 1' ="" 1$F "" /='C='
$=E$#1=$-' 2=' "%#&='Z' %$JF" CF1=#$' /='2F' $F"E='&%#2F 1'
F&F"1' 1%#1' /=C' DFC1=#$C' $=E% I I F"/FK2=C' =1' / J"=C-'$=0
EO=$EOF"1' EO=X' =#W' 2=C' N#F2 1.C' D$ &.=C' /='D$.<.$="E='
F#W' &=$1#C' D#K2 N#=C' %"' "C1 "E1-' N#' / %$/ "F $='2='
1$% I DF 1' F= I ="1-' E%22='<% C' ="E%$='2='C=$& 1'M' C%#OF 1
=D="/F"1-' F#' I % I ="1' /='2=#$' $=1%#$' ="' $F"E=-'
='")*)-' 2F' C 1#F1 %"' /% ' /% F$$F' =1' /=' 3#+'
&% C "' " .1F 1' DFC' 1%#1' M' <F 1' .JF2=' ' /=' F$$F -' F"+

1 N#=C-' (F 22=#$C OFK 2=C =1' "%#$$ C /=' <F 1C-' #"=' N#F"1 1.' /=' 1=$ I =C 1=EO" N#=C =1' /=' < J#$=C I FJ.=C C="1F"1' #"' D=#' 1$%D' 2=' C. I "F $=' ! FD%2.%"-' N#' C .+' 2F 1' <F 1' /=' 1%#1' 1= I DC 2F 2%' FKC%2#=' /% 1%#1' 2 $=-' N#' DF$E%#$F 1' I F "1="F"1' 2=C I . I % $=C /=C .&YN#=C /=' CF E% I I CC %"' F&=E' 2F I Y I =' CE$#D#2=#C=' F11="1 %"' N#=' "FJ#Q$=' 2=C $FDD%$1C /=C J." .$F#W /=' C%"' F$ I .=-' "=' C=' /. I Y2F 1' N# F&=E' D= "=' F# I 2 =#' / #"=' DO$F0 C.%2%J =' N#' 2#' .1F 1' ="E%$=' FCC=X D=#' <F I 2 Q$=' (: =2N#=' & <' N#=' <]1' /=&="# C%"' J%]1' "F11="/# D%#$ 2=C E%"1$%&=$C=C 1O.%2%J N#=C-' đ %"' E% I D$="/-' / 1' D2F CF I I ="1' 2 %KK.' /=' 7$F/1-' N#=' G H!' ' 1#! ' ' + =' ' ' ' ! ' 'H ' G, ' ' 5 ' ' C' &."."$FK2=C N# 2C <#CC="1-' "=' D%#&F ="1' DFC Y1$=' <%$1' M 2 #CFJ=' / #"' =#"=' E%"N#.$F"1' N#=' 1%#1' D%$1F 1' M 1$%#&=$' E=C "% I C C "J#2 Q$= I ="1' "%#&=F#W' 5

= I D=$=#$' " F&F 1' M $=/%#1=$' F#E#"' =""#' /=' E=' J="$=' /=' 2F DF$1' /=' ' 3#&% C "' ^2=&.' DF$' 2=C .C# 1=C-' C#EE=CC &= I ="1' .E%2 =$-' D# C D$%<=CC=#$' 1$QC+/ C1 "J#.' M 2 F"E =""=' %$K%""=-' "% I I .' J$F"/' & EF $=' M F%"' F&F"1' 2F $.&%2#1 %"-' "/ N#.' F#' EO% W' /=' 2 = I D=$=#$' DF$' 2 FKK.' =$" =$' D%#$' $= I D2 $' 2=' C QJ=' .D CE%DFZ' /=' ! F"1=C-' ' 3#&% C "' " .2F 1' DFC C=#2= I ="1' #"' EF"%" C1=' . I .$ 1=-' /%"1' 2=C .E$ 1C C#$' 2=C I F1 Q$=C $=2 J =#C=C .1F ="1' /=&="#C D$% I D1= I ="1

E2FCC N#=C‘ E .1F 2‘ F#CC‘ #"‘ I FZ1$=‘ E2F"C‘ 2 F$1‘ /=‘ D=$0
C#F/=$‘ =1‘ /=‘ D2F $=-‘ =1‘ E=1‘ F$1‘ 2‘ 2=‘ D%$1F 1‘ DF$1%#1‘
F&=E‘ 2# ‘ d:#/ E =#W‘ =1‘ E2F $-‘ "%#C‘ / 1‘2 #"‘ /=‘ C=C‘ E%20
2QJ#=C-‘ EF2 I =‘ =1‘ I .1O%/ N#=-‘ 2‘ CF&F 1‘ /%""=$‘ M‘
1%#1=C‘ 2=C‘ EO%C=C‘ N# 2‘ C%#1="F 1‘ 2 F $‘ /=‘ 2F‘ $F C%"S‘
I %/.$.‘ DF$‘ EF$FE1Q$=‘ E% I I =‘ DF$‘ $.<2=W %"-‘ ‘ #CF 1‘
/=C‘ O% I I =C‘ =1‘ /=C‘ EO%C=C‘ E% I I =‘ 2C‘ C%"1-‘ CF"C‘ C $+‘
$ 1= /=‘ 2=#$C‘ /.<F#1C‘ " ‘ C=‘ D$.&F2% $‘ /=‘ 2=#$C‘ <%$E=C‘
#CC‘ K ="‘ D2FE.‘ /F"C‘ 2=‘ I %"/=‘ N#=‘ C#$‘ CF‘ EOF $=‘
.D CE%DF2=-‘ 2‘ F&F 1‘ 1=22= I ="1‘ D2#‘ M‘ ! FD%2.%"-‘ N#=‘
E=2# +E‘ F<<=E1F 1‘ /=‘ $=/%#1=$‘ D$=CN#=‘ C%"‘ FCE="/F"1‘
d ‘ 3#&% C "‘ =C1‘ #"‘ /=‘ E=C‘ .&YN#=C-‘ / CF 1+ 2‘ DF$<% C-
dN#‘ I =‘ <=$F 1‘ <F $=‘ 1%#1‘ E=‘ N# 2‘ &%#/$F 1‘ =1‘ D=#1+Y1$=
dD2#C‘ N#=‘ =‘ "=‘ /=&$F C‘ 5 ; %2%"1 =$C‘ <F I 2 =$‘ F&=E‘
2=C‘ =EE2.C FC1 N#=C-‘ I F C‘ E%""F CCF"1‘ K ="‘ C%"‘ I %"/=-
‘ E% I I =‘ 2=‘ D$%#&F 1‘ CF‘ E%"C1F"1=‘ $.C=$&=‘ M‘ 2 .JF$/‘ /=‘
2 FKK.‘ I =$L-‘ F I F C‘ 2 = I D=$=#$‘ "=‘ C=‘ OFCF$/F‘ "%"‘
D2#C‘ M‘ C . I F"E D=$‘ C‘ D=#‘ N#=‘ E=‘ <]1‘ F&=E‘ 2 .&YN#=‘ /=‘
! F"1=C‘ %#&="1‘ I Y I =-‘ "%#C‘ $FE%"1=‘ ‘ /=‘ 7$F/1-‘
F#‘ I 2 =#‘ /=C‘ DF$%2=C‘ D%#‘ I =C#$.=C‘ N#‘ C# &F ="1‘ C=C‘
= I D%$1= I ="1C-‘ 2‘ 2#‘ =C1‘ F$$ &.-‘ C F/$=CCF"1‘ M‘ ‘ 3#0
&% C "-‘ /=‘ 2#‘ / $=‘ I d !=‘ E$%L=X‘ DFC-‘ I %"C =#$-‘ N#=‘
E=‘ C% 1‘ D%#$‘ &%#C‘ N#=‘ =‘ DF$2=R‘ 5 ‘ 3#&% C "‘ .1F 1

)‘ ‘ /=‘ 7$F/1-‘ ‘ C$ ‘ ‘ $$, ‘ ‘ ‘ 2-‘ / F ‘ CW(

E% I I =' C%"' E%22QJ#=' ' /=' F$$F -' #"' /=' E=C' / J" 0 1F $=C' /=' 2 J2 C=' /=' $F"E=' C#$' 2=CN#=2C' 2 = I D=$=#$' CF&F 1' D%#&% $' C<2$= I ="1' E% I D1=$-' I F C' N# ="' $F C%"' /=' CF' CE ="E=-' /=' C%"' O%""Y1=1.-' /=' C%"' =CD$ 1' C#$0 1%#1-' 2' C="1F 1' F#CC ' 2 %K2 JF1 %"' /=' 1$F 1=$' F&=E' /=' E=$1F "C' I ."FJ= I ="1C' N# 2' " FEE%$/F 1' DFC' .JF2= I ="1' M' 1%#C' 2=C' F#1$=C

! %#C' ="' F#$%"C' < " ' F&=E' 1%#1' 2=' D=$C%""=2' /=' 2F' D$= I Q$=' E% I I CC %"' =EE2.C FC1 N#=' "% I I .=' ="')* B' DF$' 2 = I D=$=#$-' N#F"/' "%#C' F#$%"C' F %#1.' N#=' 2=C' .&YN#=C' /=' $Y&=C-' /=' ; =$E= 2' =1' / &$=#W' $=D$%/# 0 CF ="1' M' #"' /=J$.' 2.JQ$= I ="1' "<.$ =#$-' N#% N#=' <%$1' O%"%$FK2=C' =1' / C1 "J#.C' =#W+ I Y I =C-' =1' F&=E' N#=2N#=C' &F$ .1.C' /F"C' 2=#$C' DOLC %"% I =C' =1' 2=#$C' FD1 1#/=C' "/ & /#=22=C-' 2=C' 1$F 1C' D$ "E DF#W' N#=' "%#C' &="%"C' /=' "%1=$' EO=X' ' /=' F$$F ' =1' 3#&% C " ' FKK.' %"2F"F' -' J." .$F2' /=C' KF$"FK 1=C' =1' 1O.%2%J ="' 1$QC+' $="% I I .' ="' 1F2 =-' FCC C1F' D=#-' M' &$F ' / $=-' F#W' C.F"E=C' /# E%"C= 2-' =1-' DF$1FJ=F"1' 1%#1=C' 2=C' %D " %"C' /=' 2 FKK.' "=$L-' "=' 1F$/F' I Y I =' DFC-' C%#C' D$.1=W1=' /=' I F2F/ =-' M' " L' D2#C' DF$FZ1$=' /# 1%#1 ' =D="/F"1' 2 I D%$1F"E=' /=C' N#=C1 %"C' C%# I C=C' DF$' 2 = I D=$=#$' F#W' /=#W' E% I I CC %"C' =EE2.C F C1 N#=C-' 2F' J$F& 1.' /=C' $.D%"C=C' N# 2' ="' %K1 "1-' 2 "<2#=#E=' N# %"1' =#=' C#$' 2=' E%#$C' /=C' .&."= I ="1C' 2=C' /.E C %"C' F#WN#=22=C' C=

` ‘ ! ‘ ‘ ‘ 7 ‘ 7

C%"1‘ F$$Y1.C‘ /=C‘ D=$C%""FJ=C‘ C‘ OF#1‘ D2FE.C‘ /F"C‘ 2 J2 C=‘ /=‘ $F"E=-‘ 2=C‘ E%" $%L=$C=C‘ I Y I =C‘ F#WN#=22=C‘ =22=C‘ %"1‘ /=D# C‘ /%"".‘ 2 =#-‘ "%#C‘ I D%C="1‘ 2 %K2 +‘ JF1 % ‘ / ="1$=$‘ #"‘ D=#‘ D2#C‘ F&F"1‘ /F"C 2=‘ /.2F 2‘ /=‘ E=C‘ /.2 K.$F1 %"C‘ / #"=‘ "F1#$=‘ 1%#1‘ =EE2.C FC1 N#=‘ =1‘ CD.E F2=-‘ I F C‘ N# ‘ "=‘ E%"C1 1#="1‘ DFC‘ I % "C‘ 2=‘ C=#2‘ I %#&= I ="1‘ /=‘ D%2 1 N#=‘ "1.$ =#$=‘ #"‘ D=#‘ FE1 < N# ‘ F 1‘ FJ 1.‘ 2=C‘ =CD$ 1C‘ D="/F"1‘ 1% 2=‘ 2F‘ /#$.=‘ /=‘ 2 = I D $=

"C ‘ N#=‘ "%#C‘ &="%"C‘ /=‘ 2=‘ / $=-‘ 2F‘ D$= I Q$=‘ E% I I CC %"‘ =EE2.C FC1 N#=-‘ C ‘ C% J"=#C= I ="1‘ E% I D%0 C.=-‘ F&F 1‘ =#‘ C#$1%#1‘ D%#$‘ I CC %"-‘ F#‘ I % C‘ /=‘ "%0 &= I K$=‘)* B-‘ /=‘ $.C%#/$=‘ /=C‘ N#=C1 %"C‘ $=2F1 &=C‘ F#‘ J%#&=$"= I ="1‘ /=‘ 2 J2 C=-‘ N# -‘ K ="‘ NN=‘ D%C.=C‘ /. M‘ DF$‘ 2=C‘ .&."= I ="1C‘ =#W+ I Y I =C‘ -‘ JF$/F ="1‘ ="E%$=‘ M‘ E=11=‘ .D%N#=‘ #"‘ EF$FE1Q$=‘ D2#1c1‘ E%" =E1#$F2‘ N# F%+‘ 1#=2‘ $ EF$‘ C ‘ 2F‘ / CC /="E=‘ F#‘ C# =1‘ /=C‘ "C1 2#2 #"C‘ 1 ‘ 2 ‘ /. M‘ / 30 0 ‘ ="1$=‘ 2=‘ DFD=‘ =1‘ 2 = I 0 D=$=#$-‘ =22=‘ " F&F 1‘ DFC‘ 4‘ .1.‘ D%#CC.=‘ #CN# M‘ 2F‘ /=$" Q$=‘ =W1$. I 1.-‘ E% I I y‘ =22=‘ 2=‘ <#1‘ D2#C‘ 1F$/-‘ ="‘ F"& =$‘)*))‘ -‘ DF$‘ 2=‘ K$=< F/$=CC.‘ F# EF$/ "F2‘ F#$L ‘ $% C‘ C.$ =C‘ / C1 "E1=C‘ /=‘ N#=C1 %"C‘ F&F ="1‘ .1.‘ F2%$C‘ C%# I C=C‘ M ; =WF I ="‘ /=‘ 2F‘ E% I I CC %" ‘ F‘ D$= I Q$=‘ E%"E=$"F 1‘ 2=‘ J%#&=$"= I ="1‘ /=‘ 2 J2 C=‘ EF+‘ 22 %2 N =‘ ="‘ J."$F2‘ $ 2F‘ C=E%"/=-‘ 2 J2 C=‘ /=‘ $F"E=

%'" DF$1 E#2 =$ $ 2F 1$% C Q I =- 2=C .J2 C=C / 22=0 I FJ"=- E=22=C /= %CEF"=- =1 2F K#22= / =WE% I I #0 " EF1 %"

; % E - = I D$#"1.' F# I . I % $= $= I C DF$ %$/$= /= 2 = I D=$=#$ F# E%"C= 2 =EE2.C FC1 N#=- 2= 1=W1= /= E=C N#=C1 %"C i

(7 Q ' ' 6' C$ ' %$ ' '# " ' $' ' ' !5 #' '#' = J% "m=$"= I ="1 /= 2 J2 C= =C1+ 2 F$K 2$F $=g = DFD= D=#1+ 2- DF$ /=C I %1 <C / F<0 <F $=C 1= I D%$=22=C- $=<#C=$ C%" "2=$&="1 %" /F"C 2=C F<<F $=C CD $ 1#=22=Cg

' =C1 %$C /= /%#1= N#= /=D# C #" E=$1F " 1= I DC 2F E%#$ /% % I = =C1 $=CC=$$.= /F"C #" D=1 1 "% I K$= /= <F I 22=CS N#= 2=C F<<F $=C /= 2 J2 C= L C%"1 =WF0 I ".=C =1 1$F 1.=C DF$ #" D=1 1 "% I K$= /= D$.2F1C =1 /= 1O.%2%J ="C D$ C /F"C /= D=1 1=C 2%EF2 1.C /=C ="& 0 $%"C =1 N# " = C%"1 DFC M D%$1.= /= K =" &% $ 2=C J$F"/C "2.$Y2C /= 2 J2 C= #" &=$C=22= " ' / =" K =" #J=$

5 6 ' ' 2 ' ' ' 0 3 ' ' 2 '#" E%"E 2=g

d != <F#/$F 1+ 2 DFC N#= 2= E%"C C2% $=- %# 2= E%"0 C= 2 DF$1 E#2 =$ /# DFD=- <]1 E% I D%C.' /= D$.2F1C /= 1%" =C 2=C "F1 %"C D%#$ .E2F $=$ F F "1=1.g

d " C#DD%CF"1 N# 2 C% 1 $=E%""# N# 2 " L F DFC

" ' ' : ! ' ' ' 7 ' 7

/=' ".E=CC 1.' /=' <F $=' /=C' E2 F"J= I ="1C' /F"C' 2 %$JF" 0 CF1 %"' FE1#=22=-' 2 = I D=$=#$' "=' $.#" 1+ 2' DFC' C#$' CF' 1Y1=' 2=C' /$% 1C' N#' .1F ="1' C#$' E=22=C' /=C' $% C' /=' $F"E=-' /=C' /#EC' /=' $FKF"1' =1' F#1$=C' C%#&=$F "C' /=C' 7FLC+' FC-' /=C' $% C' /=' F$/F J"=-' /=C' /#EC' /=' %CEF"=-' =1E -' C% 1' D%#$' 2F' "% I "F1 %"' /=C' EF$/ "F#W-' C% 1' D%#$' 1%#1=' F#1$=' D$.$%JF1 &=g

.' / 0 ' 1 ' 6' C$ ' ' ! ' /' ' I ! ' F' F =C1.' 2 = I D=$=#$-' %#' C=C' I " C1$=C-' %"1+ 2C' D%$1.' F11= "1=' F#' E%"E%$/F1g' .1F1' /#' E2=$J.' /=' $F"E=' =C1+ 2' ="' J." .$F2' F I .2 %$.-' %#' = I D $.-' /=0 D# C' N#=' 2=' E%"E%$/F1' =C1' ="' & J#=#$g

d ' 2=' J%#&=$"= I ="1' <$F"PF C' " F' DFC' & %2.' 2=' E%"E%$/F1-' 2=' DFD=' D=#1+ 2' F$K 1$F $= I ="1' $=<#C=$' 2 "C1 1#1 %"' F#W' F$EO=&YN#=C' =1' .&YN#=C' "% I I .C-' =1' D=$/$=' 2F' $=2 J %"' ="' $F"E=-' E% I I =' 2' 2 F' D=$/#=' ="' 22= I FJ"=-' N#' /=D# C' / W' F"C' =C1' CF"C' .&YN#=C' g

d =' J%#&=$"= I ="1' <$F"PF C' " FLF"1' DFC' & %2.' 2=' E%"E%$/F1-' C' /=' C%"' Ec1.' 2=' DFD=' $=<#C=' /=' 2 =W.0 E#1=$-' 2 "1="1 %"' /=' F' F =C1.' =C1' /=' $=JF$/=$' E=' E%"E%$/F1' E% I I =' FK$%J.S' I F C' /F"C' E=' EFC-' N#=' E%"& ="1+ 2' /=' <F $=' D%#$' 2=' K ="' /=' 2F' $=2 0 J %"' g' F' F =C1.' F/$=CC=' E=11=' /= I F"/=' M' /=C' D$.2F1C' / C1 "J#.C' DF$' 2=#$' CF&% $' /F"C' 2=C' I F1 Q$=C

7 z 2 ! ' 3 ' ! ' ! ! ')

=EE2.C FC2 N#=C' E% I I =' DF$' 2=#$' F11FE2 = I ="1' M' CF'
D=$C%""=

.' ' 1 1' 6'{C$ ' ' $ ' ' ' '
!'$ ' F' F =C1.' N#'D=#1' M' #C1=' 1 1$=' C=' E%"C 0
/.$=$' E% I I =' 2=' EO$.1 ="' 2=' D2#C' D# CCF"1' /F"C' 2='
$F"J' C#D$Y I =' F#N#=2' 2F' 7$%& /="E=' 2 F' .2=&.' C="1 0
$F 1' CF' E%"CE ="E=' 1$%#K2.=' C 2' "=' D%$1F 1' F#E#"='
F11="1 %"' F#W' D2F "1=C' /=C' J2 C=C' / 22= I FJ"=' C#$'
2 FKF"/%"' /F"C' 2=N#=2' 2=' DFD=' z=C' 2F CC=' /=D# C' / W'
F"C' F' F =C1.'2=' E%" #$=' / L' $.1FK2 $' 2 %$/$=' F$0
EO=&YN#=' D$ "E=+D$ I F1' & ="1' ="E%$=' /=' 2#' F/$=CC=$'
C=C' $=D$.C="1F1 %"C' M' E=1' .JF$/' ' 2=' DFD=' E%"1 "#=-'
DF$' /=C' $F C%"C' 1= I D%$=22=C' %#' DF$' /=C' C="1 I ="1C'
OF "=#W-' M' 2F CC=$' E=C' J2 C=C' /F"C' 2 .1F1' /=' D=$/ 1 %"'
=1' / FKF"/%"' ' F' F =C1.' / .C $=' E% I I =' C#X=$F "' /='
2 22= I FJ"=-' E% I I =' O.$ 1 =$' /=' OF$2= I FJ"=-' E% I I ='
&.$ 1FK2=' = I D=$=#$' / EE /="1-' E% I I =' < 2C' FZ".' /='
2 J2 C=-' CF&% $' N#=22=' E%"/# 1=' =22=' /% 1' 1=" $' D%#$'
$.1FK2 $' 2=' K ="<F 1' /=' 2F' $=2 J %"' EO=X' 2=C' D=#D2=C'
/ 22= I FJ"=

d 2' =C1' K=C% "' N# 2' L' F 1' #"=' "%#&=22=' E $E%"CE$ D0
1 %"' / .&YEO.C' /F"C' 2F' %CEF"=' =1' /F"C' / F#1$=C' E%"0
1$.=C' $ C' 2=' DFD=' $=<#C=' /=' E%%D.$=$' M' E=C' F$$F"J=0
I ="1C-' N#=22=' I F$EO=' F' F =C1.' /=&$F+1+=22=' C# &$='
D%#$' 2=C' $.J#2F$ C=$g

) ' 7' $.C#21=' /=' D2#C =#$C' /%E# I ="1C' F#1O="1 N#=C' N# ' C%"1' D$.C="0 1= I ="1' C%#C' "%C' L=#W-' N#=' ' /=' F$$F -' %#' C=C' ./ 1=#$C-' %"1' D%C +' &= I ="1' C#DD$ I .' 2=' D$.F I K#2=' /=C' $.D% C SC' <F 1=C' DF$' 2=C' .&YN#=C' /#' E% I 1.-' D$%KFK2= I ="1' DF$E=' N#=' E=' D$.F I K#2=' E%"1="F 1' /=C' D$%0 1=C1F1 %"C' /=' /.&%#= I ="1' /' ' ' ! #' /=' 2 = I D=$=#$' N#' "=' DF$F CCF ="1' D2#C' /=' I C=' F2%$C' N#=' !FD%2.%'" .1F 1' M' C%"" 1%#$' D$ C%"0 " =$' M' " =' / 2K=-' =" <FE=' =1' D$=CN#=' =" &#=' /=' 2F' D=1 1=' & 22=' /=' !F&%"=' ' /=' F$$F' C =C1+ 7' D=$ I C' /=' D2#C' J$F&=C' EOF"J= I ="1Cg' !%#C' "=' CF#$ %"C' / $='))' " L' F' F I F C' =#' /=' 1= W1=' %< ZE =22E I ="1' D#0 K2 .' /=C' $.D%"C=C' <F 1=C' M' 2 = I D=$=#$' DF$' 2=C' E% I I CC %"C' =EE2.C FC1 0 N#=C' /=') B' =1' /%)*))' ' /=' F$$ F2-' E% I I =' 2 "/ N#=' 2=' 1 1 =' /=' C%" %##&$FJ=-' " =#' F' D#K2 .' 2# + I . I =' D =' /=C' <$FJ I ="1C' " D%CCQ/=-' 7' = 1&$F F#' C. I "F $=' / $2.F"C' =1' MEE2#' ' /=' 7F$ C' /=C' E%D =C' E% I +' /Q2EC' /=' E=C' $.D%"C=C-' N#' "=' %"1' DFC' = E$= I ="1' E%"<% $ I =C' F#' 1=W1=' D#K2 .' <F$' ' /=' F$$F' $ I F C' E=2F' I Y I =' "=' D$%#&=' $ ="-' =1' 2 %#' F#+' $S 1' D=#1+Y1$=' 1%$1' /=' C ="' $FDD%$1=$' M' E=C' E%D =C-' EF$' 7' D=#1-' 7' /% 1' I Y I =' L' F&% $' =#' /=' "%1FK2=C' / 2<.$="E=C' ="1$=' 2F' &=$C %"' D$ I 1 &=' 1=22=' N# =22=' F&F 1' .1.' $./ J.=' / FK%$/' DF$' 2=C' .&YN#=C' =1' 2# &=$C %"" 1<# 2C' %"1' ="C# 1=' %<< E =22= I ="1' $= I C=' FD$QC' L' F&% $' "1$%/# 1' 2=C' I %/ < EF1 %"C' =W J.=C' DF$' 2=' EO=< /=' 2 1F1' =' 1=W1=' D$.C="1.' M' 2 = I +' D=$=#$' C=' E%"C=$&=' F# %#$/ O#' F#W' F$EO &=C' I D. F2=C' /F"C' /=#W' EF$1%"C' =1' -' N#=' 1%#1' 2=' "%"/=' D=#1' /= I F"/=$' 72#C =#$C' D=$C%""=C' %"1' .1.-' M' "%1$=' E%""F CCF"E=-' F/ I C=C' M' 2=C' E%"C#21=$' ! %#C' F#$ %"C' F I .' M' D%#&% $-' E% I I =' 1F"1' / F#1$=C-' E% I DF$=$' "%#C+ I . I =' E=C' &=$C %"C' / <<.$="1=C$' I F C' ' 2=' I F$.EOF7' ; F 22F"1-' I " C1$=' /=' 2F' I F C%"' /=' 2 = I D=$=#$-' "%#C' FLF"1' <F 1' 2 O%""=#$' /% "%#C' / $=' N# 7' F&F 1' /%"".' 2=C' %$/$=C' 2=C' D2#C' D%C 1 <C' D%#$' N# 7' "=' "%#C' <]1' $ ="' E% I I #" N#.' F#W' F$EO &=C' I D.$ F2=C-' "%#C' F&%"C' /<' <%$E. <#1' $="%"E=$' F#' D2F C $' /=' "%#C' 2 &$=$' M' E=11=' ""%E="1=' ="N#Y1=

2 =# / F"F2LC=$ 2F 1="=#$ I c I = /= E=C $.D%"C=C N#= "%C 2=E1=#$C E#$ =#W /= E=C I F1 Q$=C D%#$$%"1 1$%#&=$ < /F"C 2= 2 &$= /= /= F$$F - "%#C D$.<.$%"C /%""=$ #"= $FD /= =CN# CC= /=C <2#E0 1#F1 %"C "1.$ =#$=C N# C= D$%/# C $="1 F# C= "= /= 2F I F2O=#$=#C= E% I I CC %"= D." K2= I ="1 E%#$K.= C%#C 2= D% /C /= 2F $=CD%"CFK 2 1. N# D=CF 1 C#$ =22= = D% "1 EFD 1F2 =1 E% I I = 1= "n#/ /= 1%#1= 2 F2 F $= .1F 1- M &$F / $=- 2 "C2 2#1 %"= EF"%" N#= M /%""=$ F#W .&YN#=C .1F 1 F<2"= /= 1$%#&=$ 2= I %L="= /= C= DFCC=$ /= 2 "1=$&="1 %"= CD $ 1#=22= /# CF "1+DQ$= /F"C 2F E%"C.E$F1 %"= /=C "%#&=F#W DFC1=#$C /. M EO% C C %# /= E=#W N# 2 C= D$%D%CF 1 /= I =11$= K ="1c1 M 2F 1Y1= /=C / %EQC=C &FEF"1C /= 2 J2 C= /= $F"E=- N#= ! FD%2.%"= E%"C#21F 1 2= E% I 1. =EE2.C FC1 N#= 2 " L F&F 1 DFC #"= /= C=C I = I K$=C N# " FD=$+ P<4 E2F $= I ="1 /= K#1 /# EO=< /= 2 = I D $= =1 N# "= <]1 M D=# D$QC .JF2= I ="1 .D%#&F"1. M 2F D="C.= C% 1 /= 2# FEE%$/=$ "=11= I ="1- C% 1 /= 2# E%"1=C1=$ FKC%2# I ="1 2F C%2#1 %"= N# 2 F11="/F 1 /= 2=#$ E% I D2F CF"E= 2C F#$F ="1 K ="= &%#2# $=C1=$ F#0 1F"1 N#= D%CC K2= /F"C 2= &FJ#=- %# /# I % "C C F$$Y0 1=$ M I +EO= I " =C1 D%#$N#% 2C C= K%$"Q$="1 / FK%$/ M .1FK2 $ N#= C 2= E%"E%$/F1 &="F 1 /.E /.0 I ="1 M " .1$= D2#C =W.E#1. DF$ 2 #"= /=C DF$1 =C E%"+

$FE2F"2=C- =1 C 2 .1F 1 DF$ E%"C.N#="1 +".E=CCF $= / F/%D1=$ #"" "%#&=F# I%/= / "C1 1#1 %"" D%#$ 2=C .&YN#=C- 2 <F#/$F 1 F&F"1 1%#1 2= <F $= FDD$%#&=$ DF$ 2 J2 C= =22=+ I Y I =- I F C 1%# %#$C /F"C 2F C#DD%C 1 %"" N# 2 "= C FJ $F 1 N#= /= $=&=" $ M 2 #"= /=C I .1O%/=C D$.E./= I I ="1 D$F1 N#.=C ' F E% I I CC %"" <F CF 1 M E= C# =1 $= I F$N#=$- F&=E K=F#E%#D /= $F C%"- N# #"= 2% ' FK$%J.= " =C1 D2#C #"= 2% - =1 " ="" D=#1 $=E=&% $ M "%#&=F# 2= EF$FE1Q$= N#= DF$ 2 F#1%$ 1.' N# ' 2 F D$.0 E./= I I ="1 .1FK2 = ' ' 2F E%"C1 1#1 %"" E & 2= /# E2=$J.' /=)\B ' F&F 1 $="E%"1$.' /F"C C%"" =W.E#1 %"" 1F"1 /= / << E#21.C- 2 2= <F22F 1 C#$1%#1 F11$ K#=$ M E= N#= C=C F#1=#$C F&F ="1 I.E%""# #"" D$ "E D= F#CC ' "E%"0 1=C1FK2=

{7F$2F"1 /= E=11= /%"".=- 2=C I = I K$=C /= 2F E% I 0 I CC %"" "= D="CF ="1 DFC N# %"" D]1 C%"J=$ M $.1FK2 $ 2F D$FJ I F1 N#= CF"E1 %"- M I % "C N#= $F#2%$ 1.' =EE2.0 C FC1 N#= " "1=$&Z"1 /F"C E= $.1FK2 CC= I ="1 ' F C E% I I ="1 <F $= "1=$&=" $ E=21= F#1%$ 1.g #$ E= D% "1 2=C I = I K$=C /= 2F E% I I CC %"" $=E%""F CCF ="1 <%$0 I =22= I ="1 2=#$ "E% I D.1="E=' 2C C= OFCF$/F ="1 C=#2= I ="1 M /.E2F$=$ N#= /F"C #"= E $E%"C1F"E= F#CC ' /.2 EF1= %"" "= D%#&F 1 $ ="" <F $= /= D2#C CFJ=- /= D2#C E%"<%$ I = F#W $QJ2=C N#=+ /= E%"&%N#=$ #"" E%"E 2= -"F1 %"F2 %a 2= E2=$J.' /= 2 = I D $= =WF I "=$F 1 2F N#=C+

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1 %"“ D$%D%C.=-‘ =Z “ / N#=$F 1‘ 2=C‘ I %L="C‘ D$%D$=C‘ M D$.&=" $‘ 2=C‘ "E%"&." ="1C‘ N# ="1$FZ"F 1‘ 2=‘ $=<#C‘ /=C‘ K#22=C‘ D%"1 < EF2=C‘$ 2F‘ E%"&%EF1 %"“ / #"“ E%"E 2=‘ "F0 1 %"FZ‘ " F#$F 1‘$ ="“ N#‘ "=‘ <]1‘2.J 1 I =‘ =1‘ "%$ I F2-‘ EF$‘ 1=22=‘ F&F 1‘ .1.-‘ /F"C‘ #"=‘ E $E%"C2F"E=‘ F"F2%J#=-‘ 2F‘ I =C#$=‘ D$%D%C.=‘ M %# C‘ G ;-‘ ="“) **-‘ DF$‘ 2=‘ DF$2=0 I ="1‘ /=‘ 7F$ C‘ =C‘ /%E1$ "=C-‘ OFK 2= I ="1‘ . I C=C-‘ "=‘ /%""F ="1‘ DFC‘ M 2 = I D=$=#$‘#"=‘ C#<< CF"1=‘ CF2 C<FE2 %"‘ Z‘ =WD$ I F-‘ DF$‘ 2 "1=$ I . / F $=‘ /=‘ ‘ /=‘ F$$F‘ =1‘ &% C "-‘ 2F&%2%"2.‘ /=‘ CF&% $‘ D%C 2 &= I ="Z‘ C‘ 2=‘ E%"0 E 2=‘ "F1 %"F2-‘ F#W‘ L=#W‘ /=‘ 2F‘ E% I I CC %"-‘ F#$F 1‘ ="“ 2# + I Y I =‘ 2 F#2%$ 2.‘ ".E=CCF $=‘ D%#$‘ C#DD2.=$‘ F#W‘ K#22=C‘ EF"%" N#=C-‘ %#‘ C Z‘ <F#/$F 1‘ ="E%$=‘ $=E%#$ $‘ M‘ E=22=‘ F#1%$ 1.‘ C#D.$ =#$=‘ N#=‘ 2F‘ E% I I CC %"“ F&F 1‘ "% I I .=‘ CF"C‘ 2F‘ /.C J"=$‘ =WD$=CC. I ="1‘ "C‘ D%#CC.C‘ /F"C‘ 2=#$C‘ /=$" =$C‘ $=2$F"EK= I ="2C-‘ 2=C‘ I = I K$=C‘ /=‘ 2F‘ E% I I CC %"“ EEE2.C FC2 N#=‘ <#$="1‘ F I =".C‘ M / $=‘ N# Z‘ "% 2=#$‘ FDDF$1="F 1‘ ="“ F#E#"=‘ <FP%"“ /=‘ D$.&% $‘ E=‘ (o2 =‘ 2=‘ E%"E 2=‘ "F1 %"FZ‘ #J=$F 1‘ M‘ D$%D%C‘ /=‘ <F $=‘ / F"C‘ 2 .1="/#=‘ /=‘ C=C‘ D%#&% $C‘ ‘ Z‘ .1F 1‘ D%#$2F"Z‘ D$%0 KFK2=‘ N#=‘ 2=‘ E%"E 2=‘ F/$=CC=$F 1‘ F#‘ CF "1+DQ$=‘ /=‘ $=C0 D=E1#=#C=C‘ $= I %"1$F"E=C-‘ =1‘ D%#$$F 1‘ F I ="=$‘ F‘ F "1=1.‘ M #"“ F$$F"J= I ="1‘ ‘ E=22=‘ =CD.$F"E=‘ C=‘ 1$%#&F 1‘ 1$% I D.=-‘ 2=‘ E%"E 2=‘ C=‘ E$% $F 1‘ D=#1+Y1$=‘ F#0 1%$ C.‘ M‘ <F $=‘ #"“ $QJ2= I ="1‘ D$%& C% =-‘ ="“ /.E2F$F"1

2%#1=<% C N#= 2 J2 C= /= $F"E= "= E=CC=$F 1 /= /=0 I F"/=$ 2 =W.E#1 %" /# %%"E%$/F2- =1 N# =22= C=$F 1 1%# %#$C D$Y2= M L $=&=" $ F#CC 1c1 N#= 2= C%#&=$F " D%"1 <= %# C=C C#EE=CC=#$C E%"C="1 $F ="1 M 2 =W.E#2=$ 3F"C 2= EFC E%"1$F $=- %" F#$F 1 2F $=CC%#$E= / #" E%"E 2= J."$FZ %# %=E# I ." N#=- 2F C=#2= F#1%$ 1. N# <]1 /F"C 2 J2 C= F#+/=CC#C /# DFD= F C E= E%"E 2= D%#$$F 1 /=&=" $ 2# + I Y I = I D%CC K2= M $FCC= I K2=$- C% 1 DF$ 2= $=<#C N#= <=$F 1 F F "1=1. /= 2= $=E%"+ "F 2$=- C% 1 =" $F C%" / #"= <%#2= /= E $E%"C2F"E=C <FE 2=C M D$.&% $ $ E .1F 1 ="E%$= 2M #"= I DFCC= ! F0 D%2.%" &%#2F 1 FKC%2# I ="1 N#= 2F E% I I CC %" 2= I 1 =" I =C#$= /= C =" 1 $=$- =1 Z =W J=F N# =22= D$ 1 C#$ =22= /= $F"E2 E$ 2F N#=C1 %"

2% C- /= J#=$$= 2FCC=- =1 " %CF"1 DFC CE I F "1=" $ IC#$ 2= 1=$$F " N# =22= F&F 1 / FK%$/ EO% C =1 N# .1F 1 "F22F #FK2=- 2F E% I I CC %" " 1 DF$ $. % / Z N# FD$QC F&% $ D$%1=C1. /= C%" F21FEK= I ="Z "& %0 2FK2= F# CF "1+C QJ= =1 M 2F D=$C%""= /# C%#&=$F " D%"1 <=- FD$QC F&% $ $.E2F I . 2 %KC=$&F1 %" /= 2F / CE 0 D2 "= =" & J#=#$- 2= E%"E 2= "F1 %"FZ D%#$$F 1 /.E2F0 $=$ N# F11="/# 2 I D%CC K 2 1. /= $=E%#$ $ M #" E%"C= Z nE# I ." N#=- =1 2 I I ="C= /F"J=$ /%"1 2 J2 C= /= $F"E= .1F 1 I ="FE.=- 2 "C2 1#2 %" /%"".= * (+ ' DF$ 2= I 2$%D%2 2F "- M 2 .JF$/ /= C=C C Z$F+

(2 2 2 7 2|

JF"1C- %# DF$ 2% D2#C F"E =" / ="1$= =#W M 2 .JF$/ /# I .1$%D%2 1F "- 1 =" /$F 1 2 =# /=C K#22=C D%"1 < 0 EF2=C #CN# M E= N#= 2= DFD= %# C=C C#EE=CC=#$C =#CC="1 E%"C="1 -M 2 =W.E#1 %" /# E%"E%$/F1 5 = $=1%#$ D$%& C% $= M #"= DF$1 = /= 2 F"E =" /$% 1 =EE2.0 C FC1 N#= DF$F CCF 1 M 2F E% I I CC %" C#<< CF I I ="1 :#C1 < . DF$ 2F D$= I Q$= /= 1%#1=C 2=C 2% C- 2F 2% /= 2F ".E=CC 1.- 2% - / CF 1+=22=- N#= 2= DFD= F&F 1 $=E%""#= 2%$CN#=- D%#$ $.1FK2 $ 2 #" 1. /F"C 2 J2 C= /= $F"E=- 2 C .1F 1 I C F#+/=CC#C /=C $QJ2=C %$/ "F $=C =" C#D0 D$ I F"1- DF$ #" FE1= / F#1%$ 1. CF"C =W= I D2=- 2=C F"0 E =""=C E $E%"CE$ D1 %"C / %E.CF "=C /= $F"E= D%#$ =" E$.=$ /= "%#&=22=C =11= /=$" Q$= E%"E=CC %"- F$$FEO.= "%" CF"C K=F#E%#D /= D= "= F#W I = I K$=C /= 2F E% I I CC %"- <%#$" CCF 1 ="< " M 2 = I D=$=#$ 2 =WD./ ="1 F#N#=2 2 F&F 1 1F"1 /= Kb1= / F$$ &=$)) F#$F 1 C%#OF 1. I =#W$ I F C 2 C= 1 "1 D%#$ CF1 C<F 1 /= E= N# 2 F&F 1 %K1="#

 D$%D%C /= 2F K#22= / =WE% I I #" EF1 %"- 2F E% I 0 I CC %"- I F2J$. 2=C =22K$1C $. 1.$.C /= 2 FKK. I =$L- F$$Y1F #"= $./FE1 %" N# .1F 1 EF2E#2.= /= I F" Q$= M E%"1="1=$ FKC%2# I ="1 2 = I D=$=#$ 22= /.E2F$F d N#= 2=C =WE% I I #" EF1 %"C =1 E="C#$=C D%$1.=C /F"C 2F K#22= /#) # " .1F ="1 "# 2=C 1F"1 =" 2F <%$ I = N# F# <%"/- =1 N# =22=C "= D%#&F ="1 2 =$ " %K2 J=$ 2=C E%#+

2 1 2 2! 4Z ' 3 [' ! 2 ' ! !

CE ="E=C ' 5 % I I =' 2F' K#22=' F&F 1' .1.' 2F"E.=' M' 2 %EEF0 C %"' (2=' 2 ="&FO CC= I ="1' /=' 2F' C%#&=$F "=1.' 1= I D%$=22=' (2# DFD=- 2C' C F11FEOQ$="1' M' D$%#&=$' N#=' 2F' / CE D2 "=' =1' 2F' <%' "=' $=D%CF"1' DFC' =CC="1 =22= I ="1' C#$' E=11=' C%#&=$F "=1.-' 2=C' <#2 I "F1 %"C' D%"1 < EF2=C' " F&F ="1' D% "1' .1.-' /F"C' 2F' D$.C="1=' %EEFC %"-' #C1= I ="1' I C=C' ="' #CFJ=' 2C' " O.C 1Q$="1' DFC' M' $FDD=2=$' M' E=' C# =1' N#=-' d C%#C' %# C G ;' =1' C%#C' %# CG ;-' & J"%"' F&F 1' .1.' %EE#D.' DF$' 2=C' 1$%#D=C' <$F"PF C=C-' =1' N#=' 2=C' DFD=C' F2%$C' =W C1F"1C' C .1F ="1' FKC1="#C' /% 2F"E=$' 2=C' <%#0 /$=C' /=' 2 =WE% I I #" EF1 %"' 5

2 "=' "%#C' FDDF$1 ="1-' M' F#E#"' /=J$.-' / . I =11$=' #"=' % " %"' N#=2E%"N#=' C#$' 2=C' /%E1$ "=C' D$%<=CC.=C' DF$' /=C' =EE2.C FC1 N#=C' /=' J$F"/' $="% I ' C#$' /=C' I F0 1 Q$=C' N#' "%#C' C%"1' C' DF$<F 1= I ="1' .1$F"JQ$.C' "' <F 1-' 2' =C1' / << E 2=' /=' "=' DFC' $= I F$$ #=$' E% I K ="' 2 %E0 E#DF1 %"' I % I ="1F".=' / & J"%"-' N#=' "' %# C' G ;' "' %# C' G;' " F&F ="1' FCC#$. I ="1' 2 "1="1 %"' /=' JF$0 /=$-' F&F 1' D=#' /=' $FDD%$1' F&=E' 2 %EE#DF1 %"' E% I D2Q1=' =1' 2F' E%"< CEF1 %"' /.< " 1 &=' /=' 2F' 1%1F2 1.' /=C' 1F1C' /# CF "1+DQ$=' 8#F"1' M' E=11=' 2%' C#D$Y I =' /=' 2F' ".E=CC 1.' N#' <F CF 1' 2F' KFC=' I Y I =' /=' 2 F$J# I ="1F1 %"' /=C I = I 0 K$=C' /=' 2F' E% I I CC %"-' "=' D$%&="F 1+=22=' DFC' /=' 2F' C=#2=' &%2%"1.' /=' 2 = I D=$=#$-' =1' E% I I ="1' D%#&F 1+=22=' /QC' 2%$C' E$.=$' #"' /$% 1' ="' CF' <F&=#$g' .1F 1+E=' DFC

2 ' 22 ! H ' 2 ' 7 3 ' 2 221S

! FD%2.%"' N#' 1="F 1' 2=' DFD=' EFD1 <g' " .1F 1+E=' DFC' 2#' N#' 2#' "2=$/ CF 1-' DF$' I =C#$=' /=' D%2 E=-' 1%#1=' E% I 0 I #" EF1 %"' F&=E' 2=C' D$Y1$=C' =1' 2=C' < /Q2=C' /=' C%"' J2 C=g' 7 =' ; ' "=' D$.1="/F 1' "#22= I ="1' $=<#C=$' 2=C' K#22=C' / "C1 2#2 %"' EF"%" N#=' F#W' .&YN#=C' "% I I .C' F#W' C QJ=C' &FEF"1C' /=' 2 = I D $=-' DF$' 2F' C=#2=' $F C%"' N# %"' 2#' F&F 1' E%"< CN#.' C=C' 1F2CS' 2' C=' K%$"F 1' M' / $=' N#=-' $=2="#' D$ C%"" =$-' D$ &.' /=' C=C' E%"C= 22=$C' "F1#$=2C-' 2=C' I = I K$=C' /#' CFE$.+E%22.J=-' /.D%#$&#' /=' 1%#1' I %L="' N#=2E%"N#=' / "<%$ I F1 %"' C#$' 2=C' C# =1C' /.C J".C' DF$' 2=' EO% W' I D.$ F2-' 2' .1F 1'O%$C' / .1F1' /% $= I D2 $' F&=E' #"=' C#<< CF"1=' C]$=1.' /=' E%"CE ="E=' E=21=' DF$1 =' =CC="1 =22=' /=' C=C' F11$ K#1 %"C' D%"1 < EF2=C' N#' $=JF$/F 1' 2=' EE#2= I ="1' /% 2 .D CE%DF1S' $= I C' =#' D%CC=CC %"' /=' CF' 2 K=$1.-' ="1%#$.' /=C' E%"C= 2C' =1' /=C' 2# I Q$=C' N#' 2#' .1F ="1' "/ CD="CFK2=C-' 2' FJ $F 1' C# 0 &F"1' 2=C' "CD $F2 %"C' /=' 2F' &%2%"1.' / & "=' =C' C%#<+' $F"E=C' 1$%D' $.=22=C' /=' 2 J2 C=' /=' $F"E=' "=' 2#' .1F ="1' /%"E' DFC' I D#2FK2=C' 22=C' /=&F ="1-' ="' K%""=' 2%J 0 N#=-' Y1$=' D=$2.=C' 1%#1' ="1 Q$=C' F#' E% I D1=' /=' E=2#' N#' F&F 1' I C' CF' I F "' & %2="1=' C#$' 2=' EO=< / #"=' $=2 0 J %"' $.DF"/#=' C#$' 2F' C#$<FE=' ="1 Q$=' /#' J2%K=-' =1' N#' 2=' I F "1="F"1' ="E%$=-' E%"1$=' 1%#1=' #C1 E=' =1' E%"1$=' 1%#1' K%"' C="C-' ="' .1F1' /=' C.N#=C1$F1 %"' FKC%2#=-' F&F 1' =1.' 2=C' F<<F $=C' $=2 J =#C=C' "%"+C=#2= I ="1' /=' 2F

$F"E=-' I F C' /=' 1%#C' 2=C' DFLC EF2O%2 N#=C-' /F"C' 2F' D2#C' "=W1$ EFK2=' E%"<#C %"d

2' " L' F&F 1' DFC' #"' C=#2 /=C' I = I K$=C' /=' 2F' E% I 0 I CC %"' =EE2.C FC1 N#=' N#' =" $=1 "1' M' E=' C# =1' 2F' I % "/$=' 22#C %"-' =1' 2=C' D2#C' /.&%#.C' M' 2 = I D=$=#$-' C%"' %"E2=' =" DF$1 E#2 =$-' CF&F ="1' DF$<F 1= I ="1' M' N#%' C ="' 1=" $' C#$' 2=' <%"/' /=C' EO%C=C' F"C' D$.1="/$=' =WE#C=$' E=C'/ J" 1F $=C' /=' 2 J2 C=' /=' $F"E=' /=' " F&% $' F I F C' %C.' " ' DF$2=$' " ' FJ $' /F"C' 2=' C="C' /=' 2=#$C' "1 I =C' E%"& E1 %"C-' "%#C' E$%L%"C' #C1=' / =WD2 N#=$' E% I K ="' 2=#$' C 1#F1 %"' .1F 1' / << E 2=-' =1' N#=2C' =<<%$1C' D2#C' %#' I % "C' O=#$=#W' 2C' < $="1' D%#$' 1bEO=$' /=' C ="' 1 $=$' CF"C' 1$%D' /=' /.CO%" "=#$' " $.F2 1.' 2F' E% I I C0 C %"' " F&F 1-' 2' <F#1' 2=' / $=-' F#E#"' D%#&% $' ! FD%2.%"' F&F 1' =#' J$F"/' C% "' / .1FK2 $' N#=' C=C' F11$ K#1 %"C' C=' K%$"F ="1' M' E=22=C' / #"' C I D2=' E%"C= 2' /%"1' 2' E%"C="0 1F 1' K ="' M' D$="/$=' 2=C' F& C-' I F C' D%#$' 2#' C=#2' 2' " .1F 1' DFC' N#=C1 %"' /=' $ ="' FEE=D1=$' " ' /=' $ ="' D#0 K2 =$' N#' &Z"1' / =22=' =' EO=<' /=' 2 = I D $=' F&F 1' /.C $.' C .E2F $=$S' 2' " ="1="/F 1' DFC' C=' 2 =$-' " ' C#$1%#1' C =W0 D%C=$F' $=E=&% $-' C%#C' N#=2N#=' <%$ I =' N#=' E=' <#1-' / N+' E% I I %/=C' $= I %"1 F"E=C' "C' F&=$1 C' /=' 2F' I %/=C1 =' /#' $c2=' N#' 2=#$' .1F 1' FCC J".-' 2=C' I = I K$=C' /=' 2F' E% I I CC %"' D$ $="1' J$F"/' C% "' / L' E%"<%$ I =$' CE$#0 D#2=#C= I ="1' 2=#$C' /. I F$EO=C' =1' 2=#$' 2F"JFJ=' =

C=$F 1' C=' 1$1<} D=$ K= 2 E%#D' =1' 2=# 2' <F $=' #"=' " #$=' I I .$ 1.=' N#=' /=' C=' $=D$.C="1=$ /=C' D$.2F1C' F#CC '
$=2 J =#W' =1' F#CC ' O%"%$FK2=C' N#=' ' /=' F$$F ' =1'
3#&% C '" E% I I =' "/ <<.$="1=' M' 2F' EFD1 & 1.' =1' F#W'
C%#<<$F"E=C' /=' 7 =' ; ' 2C' ="' .1F ="1' D$%<%"/. I ="1'
F<<2 J.C' 2C' C%#OF 1F ="1' F$/= I I ="1' CF' /.2 &$F"E=$'
I F C' E% I I ="1' 2 %K1=" $g' M' .1F 1' 2 = I KF$$FC ' F' /=0
I F"/=$' D=$C%""=22= I ="1' =1' / $=E1= I ="1-' E% I I =' #"'
D$.2 I "F $=' "/ CD="CFK2=' /=' 1%#1' F$$F"J= I ="1' C.0
$ =#W-' F#' /.1="1=#$' /#' DFD=-' E=2F' . 2F 1' 1$%D' E% I D$%0
I =11F"1 ' 2C' CF&F ="1' F#' C#$D2#C-' E% I I =' "%#C' / 1' 2 #"'
/ =#W-' N#=' E=2# +E ' F I F 1' M' $="/$=' CF' D$% =' M' D=#'
D$QC' F#1F"1' N#=' 2 ="<=$' F&F$= ' "J.$=$' /F"C' #"='
N#=C1 %"' F#CC ' /.2 EF1=-' " .1F 1+E=' DFC' 2=' &$F ' I %L="'
/=' 1%#1' D=$/$=@g ' 2=#$' C="C-' 2F' E=CCF1 %"' /=C' I F#W'
/#' CF "1+DQ$=' "=' D%#&F 1' C F11="/$=' N#=' /=' 2F' 1 "' /=-'
C=C' E%"1=C1F1 %"C' F&=E' ! FD%2.%" ' .1F 1' /%"E' C#$' E='
/=$" =$' N# F&F"1' 1%#1' 2' <F22F 1' FJ $ ' 7%#$' L' $.#CC $-' 2'
I D%$1F 1' /=' KF"" $' /=' C%"' =CD$ 1' 1%#1' D$. #J.' /.<Fm'
&%$FK2=' M' 2 %$/$=' $=2 J =#W-' =1' 2#' $=D$.C="1=$' 2=' E2=$J.'
<$F"PF C' "%"+C=#2= I ="1' E% I I =' /Q1=' M' CF' D=$C%""=-'
E=' N#' .1F 1' =WFE1-' I F C' E% I I =' 2#' .1F"1' ="E%$=' /.0
&%#.-' E=' N#' .1F 1' #"' D=#' =WFJ.$.-' =1' E% I I =' ="1 Q$E+

7 ! ' 34 ! ' ! ! \

" ="1 $FCC#$. =1 CF1 C<F 1- E= N# ' F&F 1 1%#1 M <F 1 E=CC. / Y1$= &$F

=22=C .1F ="1 2=C D$.%EE#DF1 %"C O%" "Y1=C CF"C F#0 E#" /%#1=- I F C C# &F"1 "%#C I F2 <%" / .=C- N# ' F&F ="1 / E1. 2=C $.D%"C=C /# E% I 1. ' =EE2.C FC1 N#= =1 "CD $. C#$1%#1 2=C D$%1=C1F1 %"C ="1O%#C FC1=C =1 2=C 2%#F"J=C OLD=$K%2 N#=C /%"1 C%" $FDD%$1 .1F 1 $= I D2 ' 2 F&F 1 DF$# OFK 2= M 2 F$EO=&YN#= /= %##$C =1 F#W .&YN#=C /= $Y&=C =1 /= ! F"1=C / ."# I .$=$ 1%#C 2=C 1 1$=C /# EO=< /= 2 = I D $= M 2F $=E%" "F CCF"E= /= C=C C# =1C EF1O%2 N#=C- /= C /="1 =$ FKC%2# I ="1- =1 DF$ E%"C.0 N#="1 /= C= E% I D$% I =11$= K=F#E%#D D2#C N# 2 " .1F 1 #1 2= =1 C#$1%#1 E%"&="FK2=- F&=E #"= D%2 1 N#= N# F# <%"/ /= 2=#$ En#$ 2C .1F ="1 K =" 2% " / FDD$%#&=$ " E=2F 2=C D$.2F1C / C1 "J#.C N#= "%#C &="%"C /= "% I I =$ C=$&F ="1 1$QC+K =" 2=C /=CC= "C /= 2 = I D=0 $=#$- I F C FCC=X I F2 2=C "1.$Y1C /= 2=#$ J2 C= ! %#C "= C% I I =C DFC /= E=#W N# ' C%"1 / CD%C.C M C .1%" "=$ /= $="E%"1$=$ OFK 1#=22= I ="1 /F"C 2F K%#EO= /=C D$Y1$=C #" 2F"JFJ= D2= " /= /.<.$="== M 2 .JF$/ /=C F#1%$ 1.C =W C1F"1=C ' = E2=$J. F 1%# %#$C DF$2. F# D%#&% $ =1 /# D%#&% $ F&=E "< " I ="1 /= $=CD=E1- "%" DFC M EF#C= /# D%#&% $ 2# + I Y I =- E% I I = 2= $= I F$N#= #/ E =#C= I ="1 ' /= 7$F 21- I F C M E%#C= /= 2 %$ J "= /= E= D%#&% $- /F"C 2=N#=2 2 C =C1 1%#+

%#$C‘ E% I D2#‘ M‘ &% $‘ #"=‘ . I F"F1 %"‘ /#‘ /$% 1‘ / & "‘ =11=‘ OFK 1#/=‘ =C1‘ F"E ="="=‘ EO=X‘ 2=‘ E2=$J.‘ /=‘ $F"E=‘ 8# %"‘ DF$E%#$=‘ 2=C‘ F"E ="C‘ D$%EQC+&=$KF#W‘ /=‘ "%C‘ FCC= I K2.=C‘ =EE2.C FC1 N#=C-‘ N# %"‘ 2 C=‘ G‘ ‘ ‘$ D , ‘ /=‘ %CC#=1-‘ %#‘ C=C‘ F/ I $FK2=C‘ C=$ I %"C‘ D$Y0 EO=C‘ M‘ ; =$CF 22=C-‘ %"‘ L‘ $="E%"1$=$F‘ D2#C‘ / #"=‘ 2%#F"J=‘ C "J#2 Q$=‘ / $=E1= I ="1‘ F/$=CC.=‘ DF$‘ 2=‘ J$F"/‘ .&YN#=‘ M‘ %# C‘ G ; ‘ %#C‘ 2=‘ $QJ"=‘ CEF"/F2=#W‘ /=‘ %# C‘ G;-‘ 2=C‘ OFK 1#/=C‘ F/#2F1$ E=C‘ /#‘ CFE=$/%E=‘ <$F"PF C‘ M‘ 2 .JF$/‘ /#‘ C%#&=$F "‘ "=‘ <#$="1‘ "#22= I ="1‘ EOF"J.=C‘ =22=C‘ C=‘ E%"1 "#Q$="1‘ #CN# M‘ 2F‘ $.&%2#1 %"-‘ EF‘ =22=C‘ .1F ="1‘ /=‘ 1$F/ 1 %"‘ 4"=‘ / <<.$="E=‘ I D%$1F"1=‘ =C1‘ 1%#1=<% C‘ M‘ "%1=$‘ %# C‘ G ;-‘ %# C‘ G;‘ I F2J$.‘ C=C‘ I n#$C-‘ =1‘ %# C‘ G;< .1F ="1-‘ F#‘ D2#C‘ D$%<%"/‘ /=‘ 2=#$‘ En#$-‘ /=C‘ D$ "E=C‘ E%"&F "E#C‘ =1‘ EO$.1 ="C‘$ M‘ 2F‘ E%""F CCF"E=‘ /=‘ 1%#C‘ ! FD%2.%"‘ .1F 1‘ DO 2%C%DO=‘))‘ L‘ F-‘ 2‘ L‘ F#$F‘ 1%# %#$C-‘ N#%‘ N# %"‘ / C=-‘ N#=2N#=‘ EO%C=‘ /=‘ EO%N#F"1‘ ="‘ C%‘ =1‘ /=‘ DF$1 E#2 Q$= I ="1‘ / .J$F/F"1-‘ D%#$‘ E=#W‘ N#‘ C L‘ D$Y1="1-‘ /F"C‘ 2=C‘ D$%1=C1F1 %"C‘ ="0 1O%#C FC1=C-‘ /F"C‘ 2=C‘ <2F11=$ =C‘ =WE=CC &=C‘ /.E=$".=C‘ DF$‘ 2=C‘ I " C1$=C‘ / #"=‘ CF "1=‘ $=2 J %"‘ F#W‘ O% I I =C‘ %# CCF"1C‘ /%"1‘ 2C‘ /.D="/="1‘ =1‘ N#‘ " F/ I =11="1‘ F#0 E#"=‘ /=‘ 2=#$C‘ E$%LF"E=C‘ =C1‘ #"=‘ 1$ C1=‘ E%"/ 1 %"‘ ="‘ DF$= 22=‘ E $E%"C1F"E=‘ /=‘ " F&% $‘ M‘ EO% C $‘ F#W‘ L=#W‘ / #"‘ D#K2 E‘ E2F $&%LF"1‘ =1‘ 2=‘ D2#C‘ C%#&="1‘ <$%"+

2=#$ N# = 2$=‘ 2=‘ " . [=$ /=+/#D=C %#‘ 2=‘ $c2=‘ /=‘ E% I 0 D2 E=C

3F"C 2FN#=22=‘ /=‘ E=C /=#W EF1.J%$ =C 2 O C1% $=-‘ /% 2+‘ =22=‘ D2FE=$ 2=C I = I K$=C /=‘ 2F‘ E% I I CC %"‘ =EE2.C FC0 1 N#=‘ /=‘)* B‘ =1‘ /=‘)*))g‘ !%#C "=‘ CF&%"C ‘ % E =‘ #J= I ="1‘ N#=‘ D%$1F 1‘ C#$‘ =#W /F"C 2=‘ I % I ="1‘ I Y I =‘ #"‘ C I D2=‘ D$Y2$=-‘ 2=#$‘ E%22QJ#=-‘ N# ‘ "=‘ C=‘ D N#F 1-‘ 2# -‘ / F#E#"‘ CF&% $+<F $=‘ ="‘ D%2 1 N#=-‘ I F C N# ‘ 2=C .E2 DCF 1‘ 1%#C DF$‘ 2F‘ CF "1=1.‘ /=‘ CF‘ & =-‘ DF$‘ 2F‘ $=E1 0 1#/=‘ /=‘ C%"‘ "1=22 J="E=‘ =1‘ DF$‘ CF‘ 1$F"N# 22=‘ I F C " .0 K$F"2FK2=‘ <=$ I =1.‘ d % I I ="1‘ "%C .&YN#=C "=‘ &% ="1+‘ 2C DFCm .E$ 1‘ 2 FKK.‘ I =$L‘ M 2 #"‘ /=‘ C=C F I C-‘ N#=‘ E=C I %L="C /=‘ E%"E 2 F1 %"‘ N#=‘ 2 = I D=$=#$‘ 2=#$‘ /=0 I F"/=‘ "=‘ C%"1‘ N# #"‘ =#‘ /=‘ CF‘ DF$1‘ D%#$‘ ="‘ I D%C=$‘ F#W C I D2=C =1‘ #"‘ I FCN#=‘ D%#$‘ E%#&$ $‘ CF‘ 1L$F" " =g‘ 8# 1‘ 2F CC=‘ 2 J2 C=‘ 1$F"N# 22=S‘ N# 1‘ $="/=‘ M 2=#$C <%"E1 %"C 2=‘ DFD=-‘ 2=C EF$/ "F#W-‘ 2=C .&YN#=CS‘ N# 1‘ $="%"E=‘ M /=C D$.1="1 %"C =W1$F&FJF"1=C I 1%#1‘ 2=‘ $=C1=‘ C=$F‘ K ="1c1‘ F$$F"J.‘ 1‘ E=C D$.2F1C-‘ N#‘ $=JF$/="1‘ E% I I =‘ /=C F I .2 %$F1 %"C-‘ E% I I =‘ /=C K ="<F 1C D%#$ 2 J2 C=‘ 2=C /.E%$F1 %"C %#‘ 2=C 1 1$=C N# 2C %"1‘ %K1="#Cs a‘ F22%"C+"%#C /%"E-‘ I %"‘ 3 =#@$ 5‘ =C /=$" =$C I %1C /=‘ 2 FKK.‘ I =$L‘ <F CF ="1‘ F22#C %"‘ Q #"‘ DFCCFJ=

)‘ J ‘ ‘ ‘ (33#‘ $ ' $‘ DF$‘ 2 FKK.‘ %C1=-‘ D‘

2 F' FC=22 -' E=' I = I K$=' /#-' CFE$.+E%22.J=' M 2 .JF$/'
/#N#='2 2=' DFD=' F&F 1' 1. I % J".' 1F"1' /=' I .< F"E=' 2%$C0
N# '2 F&F 1' .1.' ="&%L.' ="' I CC %"' M F&%"=' -' ='1' ' /='
7 F/2-' F$EO=&YN#=' "% I I .' /=' F2 "=C-' F&F 1' C#EE./.'
M 2 E&YN#=' /=' =$E= 2-' I %$1' D="/F"1' 2=' E%#$C' /='
2 F"".=

8#=2C' I %1 <C' F&F ="1' /.E /.' 2 = I D=$=#$' M /.C J"=$'
E=' /=$" =$' D=$C%""FJ=-' C' D2= "' / =CD$ 1-' I F C' C' E% I 0
D2Q1= I ="1' /.E$.-' /%"1' '2 &="F 1' /=' <F $=' E%#D' C#$'
E%#D' C%"' EOF I K=22F"' ='1' C%"' D$= I =$' F# I c" =$g' ='
" .1F 1' DFC' 2 =C2 I =' N# '2 2#' "CD $F 1-' EF$' '2 2 F&F 1'
1%# %#$C' #J.' D2#C' C.&Q$= I ="1' N#=' D=$C%""=-' ='1' #C0
N# ="' E=C' /=$" =$C' 1= I DC-' E$%L%"C+"%#C-' F&=E' #"='
I F2&= 22F"E=' DFCCFK2= I ="1' =WFJ.$.=' d :=' "=' CF C-'
.E$ &F 1+ '2' /=' EOn"K$#""' 1=' ~ C=D1= I K$=')* B' M
%#EO.-' C' =' &%#C'F' / 1' /=' &%#C' I .< =$' /=' E=1' O% I I ='
(2 FKK.' /=' 7$F/2' E% I I =' /#' D2#C' J$F"/' =""= I ' N# %"'
D# CC=' F&% $' =D="/F"1-' E% I I =' =' "=' C# C' DFC' E=$0
1F "' /=' &%#C' 2 F&% $' / 1-' =' &%#C' 2 .E$ C' D%#$' &%1$='
J%#&=$"=' =1' O% I I =' =C1' #"' D$%<%"/' OLD%E$ 1=-'
" FLF"1' "' 2=C' I n#$C' "' 2 =CD$ 1' /=' C%"' .1F1-' =1' 2 &$.'
M #"' J="$=' / "1$ J#=C' N#' / #"' %#$' M 2 F#1$=' 2=' E%"0
/# $F' M 2 .EOF<F#/R ' 5' 3=D# C' E=11=' .D%N#=-' ' /=

)' =11$=' /=' 2 = I D=$=#$' F#' E% I 1=' %#EO.-' EOn"K$#""-' ' C=D+

\ ' z< 4 H' 2 !H' H ' H)- H ' H 7 H

7$F 4-' N#' F&F 1' M $=&=" $' /=' C ' 2% "' /F"C' 2 =CD$ 1' /='
! FD%2.%"-' C .1F 1' =1.' M' E%$DC' D=$/#' /F"C' 2F' N#=$=22='
C%#2=&.='M' D$%D%C' /='2 "C1 1#1 %"' EF"%" N#=' % I I='
/=' #C1=-' 2' F&F 1' = I K$FCC.' F&=E' C%"' F#/FE=' FEE%#1#0
I .=' / F22#$=C' =1' /='2F"JFJ=' 2F' EF#C=' /=' 2 = I D=$=#$-'
=1' /QC' 2%$C' C=C' /.<F#1C' " F&F ="1' D2#C' E% I D1.' .1F 1'
I Y I =' C#$' 2#' N#=' /.C%$ I F C' ! FD%2.%"' F22F 1' C=' $=D%0
C=$' D$ "E DF2= I ="1' /#' C% "' / FJ $' C#$' 2=' E2=$J.' =1' /='
C=E%" /=$' ="' C=E$=1' C=C' D2#C' <bEO=#W' /=CC= "C' "' &F "'
2 FKK.' I =$L-' =<<$FL.' / #"=' DF$= 22=' FCC%E F1 %"-' .E$ 0
& 1' F#' I " C1$=' /=C' E#21=C' D%#$' C=' /.<="/$=' /=' <F $='
DF$1 =' /#' C=E%"/' E% I 1.' =EE2.C FC1 N#=' ' F' 2=11$='
/= I =#$F' CF"C' $.D%"C=-' =1' /=' "%#&=F#' 2' 2#' <F22#1' C='
$.C J"=$' M' FCC C1=$' /=' CF' D=$C%"" =' M' /=C' /.2 K.$F1 %"C'
/%"1' ' " FDD$%#&F 1' " ' 2 =CD$ 1' " ' 2=' K#1
=C' "C1$#E1 %"C' $= I C=C' DF$' 2=' I " C1$=' /=C' E#21=C'
M' 2F' C=E%"/=' ' =EE2.C FC1 N#=' "=' 2F CCF ="1'
D2F"=$' F#E#"' /%#1=' C#$' 2=C' "1="1 %"C' /=' ! FD%2.%" '
= I D=$=#$' D$="F 1' K ="' C% "' /=' D$.&=" $' ="E%$=' #"='
<% C' C=C' E%"C= 22=$C' =EE2.C FC1 N#=C' N#=' E .1F 1' #" N#=+

1= I K$=')* B' 6' ! ' ' 1 + $ ' " # ' e {-1' G G-'
D' , *
)' =11$=' /=' ' 2 FKK.' I =$L' M' ' J%1' /=' 7 .M I E"=#-' I " C1$='
/=C' E#21=C-' ' <.&$ =$')*))' 6' 7FD =$C' I F"#CE$ 1C' E%"C=$&.C' F#' C. I 0
"F $=' /% F "1+ #2D E=' D%#$' .E$ $=' 2F' & =' /=' ' I =$L

' , ' , ' " ' , ' '

1"="2 E% I I = F22FE2 .C M CF D=$C%""= =1 F#W f 2.$Y2C
/= C=C D=#D2=C- /%"1 2C .1F ="1 2=C D$= I =$C DFC1=#$C-
N# 2 2=C F&F 1 $.#" C /F"C CF EFD 1F2=- F< " N# 2C
2# " / N#FCC="1 2F I F$EO= 2F D2#C E%"<%$ I = F#W E%"0
E 2=C =1 F#W #CFJ=C /= 2 J2 C=R # &F 1 #" $.C# I .
FCC=X 2%"J- =1 E% I I = / OFK 1#/= <%$1 DF$1 F2-- /=C
$=2F1 %"C /= ! FD%2.%" F&=E 7 = ; 2

d ' = DFD= FLF"1 & %2. 2= E%"E%$/F1 CL"F22FJ I F0
1 N#=- / CF 1+%" M 2F < " /# $FDD%$1- 2 = I D=$=#$ F K ="
&%#2# I 1=$ %# C G ; /F"C CF 2%"JF" I 1.- I F C 2=
DFD= C L .1F"1 %DD%C.- E= N#= " F DFC <F 1 ""%E="1 G22-
F $="/# &F " =1 "#1 2= E= I %L=" 3QC 2%$C 2 " =C1
D2#C C#<< CF"1 D%#$ FCC#$=$ 2F DF W /= 2 J2 C= =C1
E= N# F /.1=$ I ". 2 = I D=$=#$ M /.E2F$=$ N# 2 "=
C%#<<$ $F 1 D2#C N#= /F"C 2 = I D $= $ #C1 2#2 %" /=C
.&YN#=C <]1 /%"".= DF$ 2= DFD= ' "C /%"E /=#W
/.1=$ I "F1 %"C %"1 .1. D$ C=C DF$ F F =C1. I)j F#0
E#"= E% I I #" EF1 %" " F#$F 2 =# ="1$= C=C C# =1C =1
2= DFD=- N#= E=2# +E " F 1 D%C. 2=C 2 I 1=C /= C%" F#+
1%$ 2. =" $=E%""F CCF"1 E=22=C N# %"1 .1. D%C.=C DF$
:.C#C+ O$ C1 2# + I Y I =- E =C1+M+/ $=- N# F#W 1=$ I =C

1 " C1$#E1 %"C $= I C=C DF$ ' J%1 /= 7$.F I ="=# F# E%"C= 2
=EE2.C FC1 N#= /=)* - * <.&$ =$)*)) 6 =C "C1$#E1 %"C "= C%"1
DFC $=2F1.=C /F"C 2=C I '+ ' /= ' /= F$$F

/#' C."F1#C+E%"C#22=-' 2' " F 1' #$.' /=' "=' $ ="' <F $=' ="'
$F"E=' E%"1$=' 2=C' N#F1$=' D$%D%C 1 %"C' /=' 2 J2 C=' JF20
2 EF"=' F$$Y1.=C' /F"C' 2 FCC= I K2.=' /#' E2=$J.' /=') * S'
K' /=' "=' D2#C' <F $=' /.D="/$=' 2 =W C1="E=' /=' 2 .D CE%DF1'
="' $F"E=' /=' 2 "C1 1#1 %"' EF"%" N#=' /#' DFD=-' N#'
C=$F 1' F "C' 2=' I FZ1$=' /=' 2 .D CE%DF1' 8#F"1' F#W' I =0
C#$=C' M' D$="/$=' D%#$' N#=' 2 J2 C=' "=' C%#<<$=' DFC' /=
E=11=' "1=$$#D1 %"' /=' E% I I #" EF1 %"-' =1' D%#$' N#='
2=C' .&YN#=C' FLF"1' 2=' EF$FE1Q$=' $=N# C' D# CC="1' =W=$0
E=$' 2=#$' #$ / E1 %"' .D CE%DF2=-' 2 = I D=$=#$' C ="' $FD0
D%$1=' F#' E% I 1.' D%#$' 2#' <F $=' E%""FZ1$=' E=' N#'
E%"& ="1' 2=' I =#W-' C% 1' N# %"' $=& ="""=' M' 2F' D$FJ I F0
1 N#=' /=' CF "1' %# C' 1F"1' $=J$=11.=-' C% 1' M' 1%#1' F#1$='
#CFJ=' ' 5

d =C' N#=C1 %"C' D%C.=C' F#' E%"E 2=' "F1 %"FZ' .1F ="1'
"+ + %)"+ 4

d) j %#1=' E% I I #" EF1 %"' ="1$=' 2=' DFD=' =1' 2=C' C# =1C'
/=' 2 = I D=$=#$' .1F"1' "1=$$% I D#=' N#F"1' M' D$.C="1-' M'
N#' <F#1+ 2' C F/$=CC=$' D%#$'%K1=" $' 2=C' / CD="C=C' N# FE0
E%$/F 1' 2=' CF "1+C QJ=g' ~' 8#F"/' 2=' DFD=' $=<#C=' D=$C.+'
&.$F I I ="1' / FEE%$/=$' /=C' K#22=C' F#W' .&YN#=C' "% I +'
I .C' DF$' 2 = I D=$=#$' D%#$' $= I D2 $' 2=C' C QJ=C' &FEF"1C-

) ' . I % $=' $= I C' F#' C=E%"/' E% I 1.' =EE2.C FC1 N#=' DF$' 2=' I " C1$='
/=C' E#21=C-' *' <.&$ =$')*))

7 ! I ' 34 ! ' ! ! ' \$

N#=2 =C1 2= I %L="" EF"%" N#= /= 2=#$ /%""=$ 2 "C2 + 2#1 %"g5

= K#1 /= 2 = I D=$=#$ .1F 1 .& /="1 =1 C=C I %L="C / FE1 %"" 1%# %#$C 2=C I Y I =C ' 2C E%"C C1F ="1 M I =11$= 2F E% I I CC %"" ="" D$.C="E= /= $.C%2#1 %"C / . M F$$Y0 1.=C- F#WN#=22=C 2 2F D$=CCF 1 C I D2= I ="1 /= /%""=$ #"= C%$1= /= E%"C.E$F1 %"" CD \$ 1#=22= ' d "" D%#$$F 1 / << E 2= I ="1 =WD\$ I =\$- \$FE%"1= #"" .E\$ &F "" =EE2.0 C FC1 N#= /%"1 2=C "<%\$ I F1 %"C C%"1 1%# %#\$C =WFE1=C- 2=C C="1 I ="1C /= 1\$ C1=CC= N# .D\$%#&Q\$="1 2=C I = I 0 K\$=C /= 2F E% I I CC %"" ="" ="1="/F"1 2F 2=E1#\$= /= E=C "C1\$#E1 %"C ' ' 2 FKK.' I =\$L' C#\$1%#1 C%\$1 1 /= E=21= C.F"E= "F&\$.' /= /%#2=#\$ =1 1=22= I ="1 FJ 1.' /=C D2#C C% I K\$=C D\$=CC="1 I ="1C- N# 2 E\$#1 /=&% \$ .E\$ \$= F# EF\$/ "F2 =CEO D%#\$ 2# ' <F \$= E% I D\$="/\$= 2 I D%CC K 2 1.' / ="1\$=\$ /F"C 2=C &#=C /= 2 = I D=0 \$=#\$ =1 2F ".E=CC 1.' /= 2 ="" F&=\$1 \$ F# D2#C 1c1 ' 2 F %#1F 1 N#= 2=C .&YN#=C "= D%#\$\$F ="1 F/ I =11\$= 2M+ /=CC#C F#E#"" 1= I D.\$F I ="1\$ N#=- D%#\$ 2= EF\$/ "F2 2# + I Y I =- /F"C CF D%C 1 %"" D=\$C%""=22=- F I F C 2F <=\$ I =1.' " F&F 1 .1.' D2#C "/ CD="CFK2=- =1 N#= E .1F 1 2 %EEFC %"" /= \$.C C1=\$ #CN# M 2 =<<#C %"" /# CF"J ' =11= 2=11\$= D\$%/# C 1 C%"" =<<=1 ' = EF\$/ "F2 C= \$="/ 1 EO=X \ = I D=\$=#\$ =1 2# ' \$=D\$.C="1F N#= 2=C .&YN#=C "= D%#\$\$F ="1 E%"C="1 \$ F#W D\$%D%C 1 %"C /= C%"" I +

D3 (, * E ,' ,' , ' ' ' ,

C2$=' /=C' E#21=C-' =1' N# 2' /=&F 1' C F11="/$=' M' <F $=' /=C' I F$1L$C' m' 4'" "C1F"1' ! FD%2.%"' E% I D$ 1' N# 2' L' F#$F 1' N#=2N#=' /F"J=$' M' D%#CC=$' 2=C' EO%C=C' M' 1%#1=' =W1$. I 1.$' E=D="/F"1' 2' &%#2#1' N#=' 2F' E% I I CC %"' /%""b1' C%"' F& C' C#$' 2=C' N#=C1 %"C' N#'2#' F&F ="1' .1.' D%C.=C-' 5

FKK.' I =$L' F&F 1' K=F#E%#D' 1$%D' D$.C# I .' /# E%#$FJ=' /=' C=C' E%22QJ#=C-' =1' 2=#$C' $.D%"C=C' <#$="1' 1=22=C' M' D=#' D$QC' N#=' 2 = I D=$=#$' D%#&F 1' 2=' C%#OF 1=$' =C' D$= I Q$=C' DO$FC=C' /=' 2=#$' $FDD%$1' 1. I % J"F ="1-' 2' =C1' &$F -' /=' E=11=' $=CD=E1#=#C=' CL I DF1O =' D%#$' 2=' DFD=' /%"1' F#E#"=' $.#" %"' / =EE2.C FC1 N#=C' " F#0 $F 1' D#' F2%$C' C=' / CD="C=$' CF"C' C =WD%C=$' M' 2F' D2#C' <bEO=#C=' /.E%"C /.$F1 %"' ' =C' 1=$ I =C' ="' .1F ="1' OF0 K 2= I ="1' EO% C C

d F' <$F"EO C=' =1' 2F' CF "1=' &.$FE 1.' /=' "%1$=' I 0 " C1Q$=' "=' "%#C' D=$ I =11="1' DFC' -' / CF ="1+ 2C-' /=' /.J# C=$' 2F' D$%<%"/=' /%#2=#$' /%"1' "%#C' F&%"C' .1.' D."1$.C' ="' FDD$="F"1' N#=' 1%#1=' E% I I #" EF1 %"' ="1$=' 2=' DFD=' =1' 2=C' C# =1C' /=' 2 = I D=$=#$' &="F 1' / Y1$=' $% I 0 D#=' # =1C' < /Q2=C' =1' $=CD=E1#=#W-' "%#C' %C=$%"C

)' ! %1 E=' /=' F$" =$-' E% I D%C.=' / FD$QC' 2=C' DFD =$C' E%"0 C=$&.C' F"' C. I "F $=' /=' F "1+ #2D E=' D%#$' .E$ $=' 2F' & =' /=' 2 FKO.' <E "=$L

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".F" I % "C / $= M ; % $= F =C1.' N#= 2= CF "1+C QJ= .1F"1 2= 2 ="' 2= D "C <%$1- 2= 2 ="' ".E=CCF $= M $#" 1.' =EE2.C FC1 N#= /%"1 2 =C1 2= E="1$=- "%#C "= D%#&%"C D2#C D$.&% $ N#= /=C %#$C /Q /=# 2 =1 / F<<2 E1 %"' D%#$ 2 J2 C=- C ' 2=C E% I I #" EF1 %"C =1 2=C $FDD%$1C /= I =#0 $="1 2%"J1= I DC C#CD="/#C ="1$= 2=C < /Q2=C =1 2= DQ$= E% I I #"' N#= 3 =# 2=#$ F /%"".' /F"C 2F D=$C%""= /= "%1$= CF "1+DQ$= 2= DFD=R' 5

D$QC E= D$.F I K#2= N#' .1F 1 /= "F1#$= M /.D2F $= N#=2N#= D=# M 2 = I D=$=#$- 2=C .&YN#=C /= 2F E% I I C0 C %"- $=D$="F"1 2= CLC1Q I = /= I ."FJ= I ="1 =1 /= <2F10 1=$ = N# =22= F&F 1 /. M = I D2%L.' 2 F"".= D$.E./="1=- C= Ob1F ="1- D%#$ $.DF$=$ E=11= OF$/ =CC=- / F %#2=$ I I./ F1= I ="1 i

d 8#= /=C E $E%"C1F"E=C I D.$ =#C=C D%#&F ="1 N#=20 N#=<% C %K2 J=$ / FDD%$1=$ E=$1F "=C I %/ < EF1 %"C M 2F #$ / E1 %"' /# EO=< /= 2 J2 C=- CF"C ="' F21.$=$ 2F C#KC1F"E=' =#2= I ="1- E=C EOF"J= I ="1C I Y I =C /F"C 2F / CE D2 "=- C 2C .1F ="1 F""%"E.C 1$%D D$.E D 2F I + I %"1- C=$F ="1 C#CD=E1C F# D=#D2=- 1%# %#$C 2.J=$ =1 "E%"C /.$.' /F"C C=C #J= I ="1C '))2=#$ C= I K2F 1 /%"E N#= 2=C =CD$ 1C /=&F ="1 Y1$= D$.DF$.C M 1%#1= &F$ F+ 1 %"- =1 N# 2 <F22F 1 N# 2C L <#CC="1 /%#E= I ="1 F I =+

)' I H+ ' ' 22= ' /= F"F2- D')

". C@' 5 8#F"1' F#W' N#=C1 %"C' N#' 2=#$' F&F ="1' .1.' D%C.=C-' 2=C' .&YN#=C' $.D%"/F ="1' D%#$' 2F' D$= I Q$=' N#=C1 %"' í d 8#=' C' /=C' E $E%"C1F"E=C' I F2O=#$=#C=C' = I DYEOF ="1' 1= I D%$F $= I ="1' /=' $=E%#$ $' F#' DFD=' D%#$' 2=C' / CD="C=C-' E .1F 1' F#W' .&YN#=C' =#W+ I Y I =C' N# 2' <F#/$F 1' C F/$=CC=$' 5 F' $.D%"C=' M 2F' /=#W Q I =' N#=C0 1 %"' D%$1F 1' =" C#KC1F"E=' í d 8#=' 2=' DFD=' 2E<#CF"1' 2=C' K#22=C' CF"C' F22.J#=$' F#E#"=' $F C%"' EF"%" N#=' /=' C%"' $=<#C-' 2=' I %L="' 2=' D2#C' CFJ=' M' D$="/$=' C=$F 1' /=' <F $=' F %#1=$' F#' E%"E%$/F1' #"=' E2F#C=' DF$' 2FN#=22=' 2' C=$F 1' .1FK2' N#=' 2=' DFD=' /=&$F 1' /%""=$' 2 "C1 1#1 %"' /F"C' #"' 1= I DC' /.1=$ I " .-' <F#1=' /=' N#%' 2=' /$% 1' / "C1 1#=$' C=$F 1' /.&%2#' F#' E%"E 2=' /=' 2F' D$%& "E=' ' 2=' DFD=' $=0 <#CF 1' / FEN# =CE=$' ' E=11=' I %/ < EF1 %"' /#' E%"E%$/F1-' 2' " L' F#$F 1' $ ="' /=' I =#W' M' <F $=' N#=' /=' $.1FK2 $-' D%#$' E=' N#' E%"E=$"F 1' 2=C' .&YN#=C-' 2=C' $QJ2= I ="1C' /=' 2F' D$FJ I F1 N#=' CF"E1 %" ' 5 1' D%#$' 2=C' $.1FK2 $' 2.JF2= I ="1-' 2F' E% I I CC %"' $="%#&=2F 1' 2F' D$%D%C 1 %"' 2" ' ! ' 2 ' 2 2 ' ' 0 1 ' '

E 2=' "F1 %"F' %#' #"=' FCC= I K2.=' /#' E2=$J.' E% I D%C.=' / #"' E=$1F "' "% I K$=' / .&YN#=C' D%#$' EOFN#=' I .1$%0 D%2=' F' E% I I CC %"' C%#OF 1F 1' 1%#1=<% C' N# F&F"1' /=' $=E%#$ $' M' E=11=' I =C#$=' %"' ="&%Lb1' F#' DFD=' #"=' /.+

: ' 1 K + ' '/=' '/=' F"F2-' D' *

D" 2 :! F ' 34' ! ' ! ! \B

D#2F2 % ' D%#$' 2#' =WD%C=$') C' K=C% "C' /=' 2 J2 C=' /='
$F"E=' =1' 2 .E2F $=$' C#$' 2=' &.$ 1FK2=' .1F1' /=C' EO%C=C'
' %#1=C' 2=C' / << E#21.C' C FD2F" $F ="1-' / CF ="1' ="' 1=$0
I "F"1' 2=C' .&YN#=C-' C' E=21=' /.D#1F1 %"' F&F 1' 2=' C#E0
EQC' /%"1' "%#C' %C%"C' "%#C' <2F11=$' F C' C -' E%"1$=' 1%#1='
=CD.$F"E=-' E=' /=$" =$' = %$1' .1F 1' "#1 2=-' 2=C' D=#D2=C-'
N#' D%$1="1' #"' n 1' "N# =1' C#$' "%C' /.2 K.$F1 %"C-' $=0
E%" "FZ1$F ="1' N#=' "%#C' " F&%"C' $ ="' ".J2 J.' /=' E='
N# =W J=' /=' "%#C' 2=' D$%<%" /' $=CD=E1' /]' DF$' 2=C' .&Y0
N#=C' F#' EO=</=' 2 J2 C=' #" &=$C=22=' =#$' E%"< F"E=' =1'
2 F#1%$ 1.' /=' "%1$=' I " C1Q$=' "=' C=$F ="1' D% "1' F<<F 0
K2 =C-' =1' 2C' I %"1$=$F ="1' I % "C' /=' $.D#J"F"E=' D%#$'
#"' "%#&=1' %$/$=' /=' EO%C=C' N#=' /=C' E $E%"C1F"E=C' I 0
D.$ =#C=C' =1' 2F' ".E=CC 1.' /=' D%#$&% $' M' 2=#$C' K=C% "C'
CD $ 1#=2C' "%#C' F#$F ="1'<%$E.C' / F/%D1=$@' 5

F' E% I I CC %"' F&F 1' < "' C%"' 1$F&F 1' 2=' ,' F&$ 1') *)) '
22=' 2=' $= I 1' F#CC 1c1' F#' I " C1$=' /=C' E#21=C' N#' 2='
D$.C="1F' M' 2 = I D=$=#$-' 2=N#=1' ="' DF\ #1' 1$QC+CF1 C<F 1'
=D="/F"1-' F&F"1' / F$$Y1=$' F#E#"=' /.1=$ I "F1 %"-'
! FD%2.%"' D$ 1' 2=' DF$1' /=' $.#" $' ="' CF' D$.C="E=' 1%#C'
2=C' I = I K$=C' /=' 2F' E% I I CC %"'=EE2.C FC1 N#=-' E=#W /='
C=C' E%"C= 22=$C' / 1F1' N# 1' F&F 1' F/ C' "& 1.C' M' /.2 0
K.$=$' ="' E% I 1.' C=E$=1' C#$' 2=C' F<<F $=C' =EE2.C FC1 N#=C

)' 1 ' /=' /=' $$F2-' D')*

CF ' H ! ' < ' 7 ' 7

=1' 1%#C' 2=C' J$F"/C' / J" 1F $=C' /=' 2 = I D $=-' DF$ I ' 2=C0
N#=2C' < J#$F ="1' "%"+C=#2= I ="1' 2 F$EO =OF"E=2 =$ % I +'
KFE.$QC-' I F C' F#CC' 2=' J$F"/' & E=+.2=E1=#$-' D$ "E='
/=' F22=L$F"/' =22=' C.F"E=' =W $F%$/ "F $=' =#1' 2 =#
F#W' # 2=$ =C' 2=') ' I F$C' ! FD%2.%"' CF&F 1' DF$<F 1=0
I ="1' M' N#=2' D% "1' 2=C' /.E C %"C' N# 2' F&F 1' D%#$ F "C'
/ $=' F$$FEO.=C' F#W' .&YN#=C' /=' 2F' E% I I CC %"' 2=#$
F&F ="1' E%]1.' M' D$="/$=' =1' N# 2C' "=' 2=C' F&F ="1' F/%D0
1.=C' N# M' E%"1$=+En#$' 2' " J"%$F 1' DFC' /F&F"1FJ='
N#=' 2 FKK.' I =$L-' FD$QC' 2=C' F&% $' E% I KF11#=C' /='
1%#1=C' C=C' <%$E=C-' " F&F 1' F I F C' &%#2#' 2=C' C J"=$'
%#1' 2 "1.$Y1' /=' 2F' $.#" %"' C%2="""=22=' N# 2' &="F 1' /='
D$%&%N#=$' E%"C C1F 1' D%#$' 2 = I D=$=#$' M' C=' 1$%#&=$'
<FE=' M' <FE=' F&=E' 2 F"E ="' / $=E1=#$' /#' C. I "F $=' /='
F "2+ #2D E=-' =1' M' =CCFL=$' 2=C' <%$E=C' /=' C%"' .2%0
N#="E=' K.%2%J N#=' E%"1$=' #"' F/&=$CF $=' /%"1' 2'
E%""F CCF 1' /. M' 2F' CE ="E=' =1' 2 =CD$ 1-' =1' N# 2' "='
D%#&F 1' C = I DYEO=$' / =C1 I =$' M' EF#C=' /=' C%"' ".0
K$F"2FK2=' <=$ I =1.' 7=#' / "C1F"1C' F&F"1' 2 %#&=$1#$='
/=' 2F' C.F"E=-' /=#W' D$.2F1C-' ' :F#<<$=1-' .&YN#=' /='
=1X-' =1' ' /=' %#2%J"=-' .&YN#=' /=' $%L=C-' F$$ 0
&Q$="1' EO=X' ' I =$L-' EOF$J.C' DF$' 2=' EF$/ "F2' =CEO'
/=' 2 F I ="=$' F&=E' =#W' =1' /F"C' CF' D$%D$=' &% 2#$=' #C0
N# F#W' # 2=$ =C' ' I =$L-' N#' " F&F 1' DFC' $=P#' F& C'
/=' 2F' $.#" %"-' $.D%"/ 1' N#=-' " FLF"1' F I F C' =#' &% W

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/ .2 K. $F1 &=' /F"C' 2F' E% I I CC %"-' 2 %$/$=' /%"" .' DF$' 2 = I D=$=#$' /=' $FCC= I K2=$' 1%#C-C=C' I = I K$=C' "=' 2=' $=0 JF$/F 1' DFC ' 3 F 22=#$C' 2' DF$1F 1' D%#$' 2F' EF I DFJ"= ' =C' I =CC =#$C' D%#$$F ="1' /%"E' CF"C' I ="1 $' F<< $ I =$' N# 2' " .1F 1' DFC' Ó 7F$ C-' E=' N# ' C=$F 1' 1$QC+&$F ' N#F" /' 2C' 2=' / $F ="1-' EF$' 2' F22F 1' I %"1=$' "E%"1 "="1' ="' &% 0 1#$= ' F' &$F =' $F C%"' .1F 1-' E% I I =' 2' 2=' < 1' C="1 $' F#W' /=#W' .&YN#=C-' N#=' C%"' = I KF$$FC' C=$F 1' =W1$Y I =' /F"C' 2=' EFC' %a' 2 = I D=$=#$' 2 %K2 J=$F 1' M' /%"" =$' C%"' F& C' C#$' 2=C' N#=C1 %"C' FJ 1. =C' /F"C' 2F' E% I I CC %" ' #"' /=C' D$. 2F1C' F/ I =11F 1' E=11=' /. <F 1= ' F#1$=' 2# ' %K =E1F' N#=' C%"' $=<#C' D%#&F 1' $$ 1=$' 2 = I D=$=#$' =1' F11 $=$' /=' "%#0 &=F#W' %$FJ=C' C#$' CF' E% I DFJ" =' /. M C ' I F2' &#=' /# J%#&=$"= I ="1' I D. $ F2 ' 7%#$' C=' 1 $=$' / "E=$2 1#/=' 2=' D =#W' FKK. ' ="1$F' /F"C' C%"' %$F1% $=' =1' C%22 E 1F' M J="%#W' 2=C' 2# I Q$=C' /%"1' 2' F&F 1' K=C% "' F< "' /=' / $ 0 J=$' CF' E%" /# 1=' /F"C' #"=' E $E%"C1F"E=' C ' E$ 1 N#= ' 7=#' /=' I "#1=C' FD$QC' 2' ="' C%$1F 1-' EF2 I =' =1' $. C J". -' /. 0 E2F$F"1' M ' :F# Z$=1' =1' /=' %#2%J"=' N# 2C' D%#&F ="1' 2 = I I ="=$' F&=E' =#W ' =C1' F "C ' N#=' <#1' E%" /# 1' F#W' # 2=$ =C' M 2F' /=$" Q$=' I "#1=-' F&=E' #"=' $. D#J"F"E=' =W1$Y I =-' =1' D$=CN#=' I F2J$. ' 2# -' 2=' O. $%C' M E%#D' C]$' <%$1' "&%2%"1F $=' /=' 2F' CEQ"=' N# ' "%#C' $=C1=' M I +' E%"1=$

-' 2 I =$L' " F$$ &F' DFC' 1$%D' 1F$/' F#W' # 2= =C

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CFE$.=' /=' 2 &F"J 2=-' C "/ J"=$F 1 /=' 1%#1=' ="1$=D$ C=' E%"1$=' 2 F#1%$ 1.' /# C%#&=$F "i =' DFD=' F ="1$=D$ C E%"1$=' I %"' F#1%$ 1.-' ="' =WE% I I #" F"1 I =C I " C0 1$=C-' I =C F$ I .=C =1 D$=CN#=' 1%#1 2 = I D $=-' =1 E=-' D%#$ C%#1=" $ /=C D$.1="1 %"C 1= I D%$=22=C $ =1 E=D="0 /F"1-' /F"C 2 .1F1 FE1#=2 /=' 2F $=2 J %"' EF1O%2 N#=-' %a 2F /%E1$ "=' /=' E=#W N# ' %"1 C#K%$/%"".' 2=C .&YN#=C F#W &%2%"1.C =1 F#W "1.$Y1C /=' 2F E%#$ /=' % I =' F D$.&F2#-' N#=2 I %L="' F + =' D%#$ I =11$=' I %"' 1$c"=' 5 2 FK$ ' /=' DF$= 22=C F11FN#=Cg ' F+1+ 2 #"' I %L="' EF"%" N#=' /=' D#" $ #"' DFD=' N# ' D$YEO=$F 1 2F $.&%21=' =1 2F J#=$$=' E & 2=g

d =' DFD=' F ="1$=D$ C "%"+C=#2= I ="1 E%"1$=' I %"' F#1%$ 1.' 2 F F#CC ' ="1$=D$ C E%"1$=' 2 F#1%$ 1.' =1 2=' K ="' /=C J2 C=C /=' 2 = I D $=-' C% 1 = ' ' ' 2 J2 C=' / 22= I FJ"=-' C% 1 ='" $=<#CF"1 / "C1 1#=$ I =C .&YN#=C-' =1 /=D# C ="' /.<="/F"1 F#W EOFD 1$=C /=' $=0 I =11$=' 2=C D%#&% $C /=' & EF $=' EFD 1#2F $=' F#W "/ +' & /#C N#=' F#$F C "% I I .C ' 3=C K#22=C-' /=C E%$$=C0 D%"/F"E=C %"1 .1.' I D$ I .=C DF$ %$/$=' /# DFD=' =1 $.DF"/#=C /F"C 1%#1=' 2F EO$.1 ="1. ee" F # eC$<. %$"/ ' ' $ ' %$ ' ' !8 ' ' #+ ' ' ' , ! ' ' + ' ' ' $, ' ' 2 " F DFC /.D="/# /=' 2# ' N#=' =' C% C FKF"/%"".' /=' I =C D=#D2=C-' /=' I =C F$ I .=C-' E% I I =' 7O 2 DD=' 2=' %"J ' :=' CF C N# 2 <F#1

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$="/$=ˢ Mˢ 3 =#ˢ E=ˢ N#ˢ =C1ˢ Mˢ 3 =#Sˢ I F Cˢ 2=ˢ DFD=ˢ " =C1ˢ DFCˢ 3 =#ˢ %$CN# %"ˢ &% 1ˢ 2=Cˢ DFD=Cˢ E%"C1F I I ="1ˢ C FJ 1=$ˢ =1ˢ K%#2=&=$C=$ˢ 2Fˢ EO$.1 ="1.ˢ D%#$ˢ 2=Cˢ "1.$Y1Cˢ 1= I D%$=2Cˢ /#ˢ D=1 1ˢ 1F1ˢ /=ˢ % I =-ˢ E =C1+M+/ $=ˢ / #"=ˢ C%#&=$F "=1.ˢ N#ˢ .N# &F#1ˢ Mˢ #"ˢ /#EO.-ˢ %"ˢ /.D2%$=ˢ 2 .1F1ˢ /=ˢ 2Fˢ C%E .1.ˢ EF1O%2 N#=-ˢ E% I D$% I C=ˢ D%#$ˢ /=ˢ Cˢ EO.1 <Cˢ "1.$Y1C

d :=ˢ "=ˢ CF#$F Cˢ D2#Cˢ $=JF$/=$ˢ 2=ˢ E%"E%$/F1 E% I I =ˢ =W C1F"1-ˢ =1ˢ =ˢ "=ˢ D# Cˢ FEE=D1=$ˢ 2Fˢ I %/ < EF1 %"ˢ N#=ˢ &%#Cˢ I =ˢ D$.C="1=Xˢ 4"ˢ E%"1$F1ˢ CL"F22FJ I F1 N#=ˢ =C1ˢ "#2ˢ N#F"/ˢ #"=ˢ /=Cˢ DF$1 =Cˢ 2 Fˢ & %2.ˢ =ˢ DFD=ˢ Fˢ & %2.ˢ 2=ˢ E%"E%$/F1ˢ /=D# Cˢ N#F1$=ˢ F"Cˢ 2ˢ Fˢ & %2.ˢ D$.0 E./= I I ="1ˢ E=2#ˢ N# 2ˢ F&F 1ˢ <F 1ˢ F&=Eˢ I %"ˢ $%LF# I =ˢ / 1F2 =-ˢ E=ˢ N#ˢ Fˢ D.".1$.ˢ / "/ J"F1 %"ˢ 1%#1=ˢ I %"ˢ J2 C=ˢ 1F2 =""=ˢ 3F"Cˢ E=21=ˢ C 1#F1 %"ˢ /=Cˢ EO%C=C-ˢ 2Fˢ E2F#C=ˢ N#=ˢ 2 "C1 1#1 %"ˢ C=$F 1ˢ /%"".=ˢ DF$ˢ 2=Cˢ I .1$%0 D%2 1F "C-ˢ Cˢ 2=ˢ DFD=ˢ "=ˢ 2Fˢ /%""F 1ˢ DFC-ˢ "=ˢ JF$F"1 $F 1ˢ DFCˢ I =Cˢ C#EE=CC=#$Cˢ /=Cˢ N#=$=22=Cˢ N# 2Cˢ D%#$$%"1ˢ F&% $ˢ F&=Eˢ 2=CRDFD=C@ˢ 5

D$QCˢ E=ˢ / CE%#$Cˢ N#ˢ "=ˢ <#1-ˢ / 1ˢ %"CF2& -ˢ dˢ N# #"ˢ 1 CC#ˢ /=ˢ D$ "E D=Cˢ =$$%".C-ˢ /=ˢ <F#CC=1.C-ˢ /=ˢ EF2% I " =C

)ˢ = I D=$=#$ˢ F#ˢ E% I 1.ˢ =EE2.C FC1 N#=ˢ Mˢ 7F$ C-ˢ 2=ˢ I F$Cˢ)*))ˢ 6ˢ
!ˢ ˢ " # ˢ 1ˢ G q2-ˢ ,*)ˢ 3 FD$QCˢ 2Fˢ I "#1=
/.D%C.=ˢ F#Wˢ F$EO &=Cˢ /%ˢ = I D $=

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F1$%E=C-‘ /=‘ I FW I =C‘ F"1 EF22 %2 N#=C-‘ DFC‘ #"‘ EF$/ 0 "F2-‘ DFC‘ #"‘ .&cN#=‘ " =#Z‘ 2.‘ E%#$FJ=‘ /=‘ /.<="/$=‘ 2F‘ &.$ 2.‘ ="‘ D$.C="E=‘ /=‘ 2F‘ <%$E=‘ =1‘ /=‘ 2F‘ D# CCF"E=‘ #0 K2 F"1‘ 2=#$C‘ /=&% $C-‘ 2C‘ JF$/Q$="1‘ 1%#C‘ #"‘ CEF"/F2=#W C 2="E=R‘ 5 =C‘ =EE2.C FC1 N#=C‘ D$.C="1C‘ M‘ E=22=‘ CEQ"=‘ " .1F ="1‘ DFC‘ 2=C‘ C=#2C‘ M‘ Y1$=‘ 1=$$ < .C‘ .1%""= I ="1‘ F#1F"1‘ N#=‘ 2 .D%#&F"1=‘ =1.C‘ /F"C‘ 2 FCC= I K2.=‘ ="1 Q$=‘ DF$‘ /=‘ 1=22=C‘ "&=E1 &=C‘ F&F ="1‘ <=$ I .‘ 1%#1=C‘ 2=C‘ K%#EO=C‘ ‘ "‘ C=‘ $=JF$/F 1‘ 2=C‘ #"C‘ 2=C‘ F#1$=C‘ CF"C‘ C%#<<2=$‘ I %1‘ 2%$C‘ 2 = I D=$=#$‘ #"‘ D=#‘ = I KF$$FCC.‘ 2# + I Y I =-‘ =1‘ E% I I =‘ D%#$‘ %D.$=$‘ #"=‘ C%$1=‘ /=‘ / &=$C %"-‘ C F/$=C0 CF"1‘ M‘ ‘ I =$L-‘ 2#‘ /= I F"/F‘ E=‘ N# 2‘ D="CF 1‘ /=‘ 1%#1‘ E=2F‘ ‘ I =$L‘ / $=E1= I ="1‘ "1=$D=22.‘ =1F‘ / FK%$/‘ 2=C‘ L=#W C#$‘ 2=C‘ .&YN#=C‘ /=‘ 2F‘ E% I I CC %"-‘ E% I I =‘ D%#$‘ %K1=" $‘ / =#W 2F‘ D=$ I CC %"‘ /=‘ / $=‘ C%"‘ F& C‘ ="‘ 2=#$‘ D$.C="E=‘ 7# C‘ C=‘ 1%#$"F"1‘ &=$C 2 = I D=$=#$‘ i ‘ $=-‘ / 1+ 2-‘ =‘ "=‘ D# C‘ F&% $‘ C#$‘ E=‘ D% "1‘ / F#1$=‘ C="1 I ="1‘ N#=‘ E=2#‘ N#‘ =C1‘ E%"1="#‘ /F m‘ 2=‘ EF1.EO C I =‘ ="C= J".‘ DF$‘ &%C‘ %$/$=C‘ /F"C‘ 1%#1=C‘ 2=C‘ .J2 C=C‘ /=‘ 2 = I D $=‘ :=‘ 2 C‘ /F"C‘ E=‘ EF1.EO C I =‘ N#=‘ ‘ ‘ ‘ ‘ !5)‘, 3 ‘ ‘ (H *‘ $-‘ #"‘ E%$DC‘ D=#1+ 2‘ C=

)‘ =‘ EF$/ "F2‘ %"CF2& -‘ E 1.‘ /F"C‘ 2=C‘ I . I % $=C‘ /#‘ EF$/ "F2‘ 7FEEF-‘ 1‘ -‘ D‘ B\

‘ '#!5 + ‘ ‘ (+ ‘ U‘ DF$1 =-‘ 2=P%"‘ W &‘ $ ‘ DF$1 =-‘ 2=P%"‘ & -‘ # ‘ E3 #H#‘ ‘ 1 ‘ ' ‘ M‘ 2F‘ 1Q1=‘ /#‘ I . I % '#!5 + ‘ "j‘ \

* ‘ ‘ ! ‘ ‘ ‘ 7 ‘ 7

DFCC=$‘ /=‘ C%"‘ EO=<-‘ /=‘ E=2#‘ M‘ N# -‘ /=‘ /$% 1‘ / & "-‘ 2‘ /% 1‘ %K. CCF"E=‘g‘ 5‘ F‘ C I D2 E 1.‘ /=‘ E=11=‘ $.D%"C=-‘ =1‘ 2F‘ E 1F1 %"‘ /=‘ C%"‘ D$%D$=‘ EF1.EO C I =-‘ DF$#$="1‘ C#$0 D$="/$=‘ 2 = I D=$=#$-‘ =1‘ E% I I =‘ 2‘ F<<=E1F 1‘ / F11="/$=‘ N#=‘ ‘ I =$L‘ E%"1 "#b1‘ /=‘ DF$2=$-‘ E=2# +E‘ $=D$ 1‘ Í d "‘ "%#C‘ %K2 J=-‘ ="‘ $F"E=-‘ M‘ C%#1=" $‘ 2=C‘ N#F1$=‘ F$0 1 E2=C‘ /=‘ 2F‘ / .E2F$F1 %"‘ /=‘) * ‘$ I F C‘ 2‘ <F#1‘ ="‘ $=E=0 &% $‘ 2F‘ /%E1$ "=‘ 1%#1‘ ="1 Q$=‘ 3F"C‘ 2=‘ D$.F I K#2=‘ /=‘ E=11=‘ / .E2F$F1 %"‘ %"‘ 2 1‘ N#=‘ 2F‘ D$ I F#1.‘ /=‘ CF "1‘ 7 =$$=‘ =1‘ /=C‘ D%"1 <=C‘ $% I F "C‘ =C1‘ "C1 1#.=‘ DF$‘ :.C#C+ O$ C1‘ =1‘ N#=‘ 1%#C‘ 2=C‘ EO$.1 ="C‘ 2#‘ /% &="1‘ %K. CCF"E=‘ 3=‘ D2#C-‘ %"‘ L‘ F %#1=‘ N#=‘ 2=C‘ N#F1$=‘ F$1 E2=C‘ %"1‘ .1.‘ /.E$.1.C‘ D%#$‘ = I DYEO=$‘ N#=-‘ C%#C‘ D$.1=W1=‘ /=C‘ 2 K=$0 1.C‘ /=‘ 2 J2 C=‘ JF22 EF"=-‘ %"‘ "=‘ D]1‘ D%$1=$‘ F11= "1=‘ M‘ E=11=‘ D$ I F#1.‘ 5‘ ‘ I =$L‘ ="1$F‘ F2%$C‘ /F"C‘ N#=2N#=C‘ /.&=2%DD= I ="1C‘ D%#$‘ I %"1$=$‘ d N#=‘ 2=C‘ N#F1$=‘ F$1 E2=C-‘ N#% N# 2C‘ 2 I 1FCC="1‘ 2F‘ D# CCF"E=‘ /#‘ DFD=‘ C#$‘ N#=2N#=C‘ D% "1C-‘ 2#‘ E%"C=$&F ="1‘ #"=‘ F#0 1%$ 1.‘ C‘ J$F"/=‘ =1‘ C‘ . I "="1=-‘ N# %"‘ "=‘ D%#&F 1‘ $.J2=$-‘ CF"C‘ CF‘ DF$1 E DF1 %"-‘ F#E#"=‘ F<<F $=‘ I D%$0 1F"1=‘ ="‘ I F1 Q$=‘ /=‘ /%J I =‘ %#‘ /=‘ / CE D2 "=‘ 3 %a‘ 2‘ E%"E2#1‘ N#=-‘ C‘ 2 %"‘ FCC= I K2F 1‘ #"‘ E%"E 2=-‘ E% I I =‘ %"‘ DF$2F 1‘ /=‘ 2=‘ <F $=-‘ E=‘ E%"E 2=‘ " F#$F 1‘ F#E#"=‘ &F2=#$‘ C 2‘ C=‘ 1="F 1‘ CF"C‘ 2 F&=#‘ /#‘ DFD=‘ 5

F‘ E 1F1 %"‘ /#‘ EF1.EO C I =‘ I D.$ F2‘ F&F 1‘ N#=2N#=

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D=#' C#D C' 2 = I D=$=#$-' EF$' E=' " .1F 1' D$%KFK2= I ="1'
DFC' CF' 2=E1#$=+OFK 1#=22=' =C' E 1F1 %"C' /=' 2F' /.E2F0
$F1 %"' /=') * ' " .1F ="1' D% "1-' F#' E%"1$F $=-' D%#$'
2 .1%" "=$' K=F#E%#D-' EF$' 2' ="' F&F 1' <F 1'#"=' .1#/=' DF$0
1 E#2 Q$=' 72#C' / #"=' <% C' 2' F&F 1' I Y I =' / 1' M' C%"' D$=0
I =$' F# I c" =$' =1' M' C%"' E%"] /=#1-' ' /=' 7$F/1-' N# 2'
" L' F&F 1' $ ="' /#' 1%#1' /F"C' E=C' N#F1$=' D$%D%C 1 %"C'
/%"1' %"' <F CF 1' 1F"1' /=' K$# 1 ' 2' " F&F 1' DFC' .1.' K=F#0
E%#D' D2#C' CF1 C<F 1-' M' C%"' D% "1' /=' &#=-' /# / CE%#$C'
D$%"%"E.' DF$' %CC#=1' M' 2 %#&=$1#$=' /=' 2 FCC= I K2.=
/=') * -' =1' /=' 2F' <FP%"' /%"1' 2=' J$F"/' .&YN#=' F&F 1'
/ #"=' I F "' C' C]$=' 1="#' / #"' K%#1' M' 2 F#1$=' 2F' KF0
2F"E=' C' DF$<F 1= I ="1' .JF2=' ="1$=' 2=' D%#&% $' /=C' C%#0
&=$F "C' =1' E=2#' /=C' DFD=C' #' J$F"/' .KFO CC= I ="1'
/=C' FCC C1F"1C' ! FD%2.%"' "=' 1. I % J"F' /%"E' F#E#"='
E%2Q$=' "' =]1' D$=CN#=' / 1-' "%#C' $FE%"1=' 2 #"' / =#W-'
N# 2' D$="F 1' #"' E=$1F "' D2F C $' dM' D$%&%N#=$-' M' FJF0
E=$' "Y I =' ' I =$L' 5 d' O' K ="' $ $=DD 1' 2 = I D=$=#$-'
=' "=' E%"1=C1=' DFC' 2F' D# CCF"E=' CD $ 1#=22=' /#' DFD=-'
D# CN# 2' 2 F' $=P#=' /=' : .C#C+ O$ C1' F C' : .C#C+ O$ C1'
"% 2#' F' DFC' /%" ".' 2F' D# CCF"E=' 1= I D%$=22=' =C1'
OF$2= I FJ"=' N#' 2F' 2#' F' /%" ".=$' =1' I % -' E% I I ='
C#EE=CC=#$' /=' OF$2= I FJ"=-' =' &=#W 2F' 2#' c1=$' DF$E=

' ' :=' 7$F/1-' 'C$ ' ' ! ' '1' -' D' ,`

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! FD%2.%"' F&F 1' .E%#2.' DF1 = I I ="1-' E% I I =' 2' 2#' F$$ &F 1' / %$/ "F $=' 2%$CN# 2' $="E%"1$F 1' N#=2N# #"' N#' CF&F 1' DF$2=$' F&=E' D% /C' /=C' EO%C=C' N# 2' E%""F C0 CF 1' DF$<F 1= I ="1' d O' K ="s' / 1+ 2-' =' "=' $.E#C=' DFC' 2 F#1%$ 1.' /=' %CC#=1' %#1' E=2F' .1F 1'&$F' /=' C%"' 1= I DC-' %a' 2 #$%D=' $=E%""F CCF 1' D2#C =#$C' I FZ1$=C$' 2' " .1F 1' DFC' E%"&="FK2=' N#=' 2=' DFD=' <]1' F2%$C' FCC# =11' M' #"' C%#&=$F "' DF$1 E#2 =$' F C' N#=2' "E%"&." ="1' L' F+1+ 2' N#=' 2=' DFD=' I =' C% 1' FCC# =11 -' M' I % -' I F "0 1="F"1' N#=' 2 #$%D=' "=' E%""FZ1' / F#1$=' I FZ1$=' N#=' I %' C=#2g' 5' = I KF$$FC' /=' ' ^ I =$L' " .1F 1' DFC' I ./ %E$=' ="' D$.C="E=' /=' E=1' "E% I I ="C#$FK2=' %$J#= 2' /=' 2 = I D=$=#$-' EF$' 2' F#$F 1' C%#OF 1.' 2=' E%"&F "E$=-' =1' "=' &%#2F 1' DFC' 2=' K2=CC=$-' #' ; %1$=' F =C1.' E%""FZ1' I =#W' N#=' I % -' $=D$ 1+ 2-' 2 K C2% $=' /=C' $.&%2#1 %"C' =' N#' =W C1=' I F "1="F"1' D=#1' "=' DFC' 1%# %#$C' =W C1=$-' =1-' /F"C' E=' EFC-' 1%#C' 2=C' "E%"&." ="1C' D$.&#C' DF$' %CC#=1' D%#$$F ="1' $=DF$FZ1$=' 2' "=' <F#1' /%"=' DFC' EKF"J=$' #"' %$/$=' C' CFJ= I ="1' .1FK2' 5' = I D=$=#$' "=' $.D%"/ 1' DFC'$' I F C' DFCCF"1' M' 2F' E2F#C=' N#=' 2=C' .&YN#=C' F&F ="1' D$%D%C.' /=' <F $=' F %#1=$' F#' E%"E%$/F1-' D%$1F"1' %$' ' ' ' '#' "' (' '$' ' ! D %$' ' $' # ' #' + #') $' ' ' %$' ' ' "' (' '$' ' "' #, $' $' ! ! ' ' ' D , ! ' 2' "1=$D=22F' /=$=EO=<' ' I =$L-' ="' 2#' /= I F"+

2 F"1' C 2' E$%LF 1' N#=' 2=' DFD=' <=$F 1' E=11=' E%"E=CC %" '
' I =$L' $.D%" / 1' CF"C' O.C 1=$' N# 2' E$%LF 1' N#=' 2='
DFD=' "=' 2F' <=$F 1' DFC-' DF$E=' N#=' E=' C=$F 1' F" .F"1 $'C%"'
/$% 1' / "C1 1#1 %" ' = I D=$=#$' <1' #"' I %#&= I ="1-' =1'
C=' 1%#$"F"1' &=$C' 2=C' .&YN#=C' /=' 2F' E% I "m CC %"-' 2' 2=#$'
/ 1' î d Ó'ś FO'ś I =CC =#$C-' &%#C' &%#2 =X' I =' <F $=' <F $='
#"mFC' ' ! !' ="' I ="JFJ=F"1' M' /= I F" /=$' F#' DFD='
#"=' EO%C=' N# 2' "=' /% 1'DFC' I FEE%$/=$'5 =C' .&YN#=C'
<#$="1' 1$QC+ I %$1 < .C' /=' 2 FD%C1$%DO=' N#=' 2=#$' F&F 1'
F11 $.=' 2F' $.D%"C=' /=' ' I =$L' "' C=' 2=&F"1' D%#$' C='
$=1 $=$-' 2 = I D=$=#$' CF2#F' J$FE =#C= I ="1' /=' 2F' 1Y1='
2 F"E ="' C#D.$ =#$' /=' F "1+ #2D E=-' CF"C' DF$FZ1$='<F $='
K=F ZE%#D' / F11="1 %"' F#W' F#1$=C' I = I K$=C' /=' 2F' E% I 0
I CC %" ')) /= I F" /F' ="' C%$1F"1' M' 2 #"' /=C' .&YN#=C' C'
E=' N#=' ' I =$L' F&F 1' / 1' /=' 2 ="C= J"= I ="1' /#' EF1.0
EO C I =' C#$' 2 F#1%$ 1.' /#' DFD=' C L' 1$%#&F 1' =<<=E1 &=0
I ="1' .&YN#=' "=' D#1' C = I DYEO=$' /=' 2=' $=E%" "FZ1$=' '
2' C ="C# & 1' #"' I % I ="1' /=' E%"&=$CF1 %"' J." .$F2=-' =1'
C=' J$%#DF"1' F#1%#$' /=' 2# -' 2=C' E%22QJ#=C' /=' ' I =$L-'
N#' FDD$.O=" /F ="1' N#=' CF' <$F"EO C=' " =]1' /.D2#' M'
2 = I D=$=#$-' 2=' C#DD2 Q$="1' /=' 2 =WE#C=$' M' EF#C=' /='C%"'
J$F" /' bJ=' d %#C' &%#C' 1$% I D=X-' I =CC =#$C-' $.D%" / 1'
2 = I D=$=#$-' =' "=' C# C' F#E#"= I ="1' <]EO.' E%"1$='
' I =$L' 2' F' DF$2.' ="' O% I I =' N#' CF 1' C%"' F<<F $=-'
=1' E =C1' F "C' N#=' F I =' N# %"' I =' DF$2=' 2' =C1' &$F

N# 2 "= D="C= DFC E% I I = I % $ I F C E ' EOFE#"" /% 1 F&% $ C%"" %D " %"" 2 K$=-' 5

%#<2=' I %" /=' .1F 1 C%$1 ' /Q E=11=' C.F"E=' <$FDD.' /=' 2F' <FP%"" M 2F' <% C <=$ I =' =1 I =C#$.=' /%"1 #"" C OD2=' D$Y1$=' F&F 1 C# 1=" $ 1Y1=' M 2 O% I I =' N#=' D=$C%""" =' " %CF 1 D2#C E%"1$=/ $=-' I F C .1%""." C#$1%#1 /=' 2F' DF0 1 ="E=' F&=E' 2FN#=22=' 2 = I D=$=#$ F&F 1 C#DD%$1.' E=11=' E%"1$F/ E1 %" ' d :=' CF&F C K ="" N#=' 2 FKK. I =$L' F&F 1 K=F#E%#D / =CD$ 1-' / 1 1%#1 OF#1 ' /=' F 2=L$F" /' ="" C F/$=CCF"1 M C=C &% C "C-' I F C =' "=' E$%LF C DFC N# 2 ="" =]1 F#1F"1 ' 2 F' 2 F/$=CC= /=' / $=' 2F' &.$ 1.' M 2 = I 0 D=$=#$ CF"C 2# ' /.D2F $=' 5 ! FD%2.%"" F&F 1 JF$/.' #"=' 1=22=' I D$=CC %"" /=' 2F' CFJ=CC=' /=' 2 F"E ="" / $=E1=#$ /= F "1+ #2D E=-' N#=' 2=' EF$/ "F2 =CEK &%#2F"1 N#=2N#=C-' %#$C FD$QC 2# ' DF$2=$ / F<<F $=C =EE2.C FC1 N#=C ="" $=P#1 E=11=' K$#CN#=' $.D%"C=' î d F C=X+&%#C-' &%#C Y1=C #"" J"%$F"1 ' a F&=X+&%#C FDD$ C 2F' 1O.%2%J =g =C1 F&=E ' I =$L-' N# ' 2F' CF 1-' N#=' =' /% C I ="" ="1$=1=" $ @' 5 F C E=C / CD%C 1 %"C <F&%$FK2=C /=' ! FD%2.%"" D%#$ 2 FKK.' I =$L' " F22Q$="1 DFC C' 2% "" N#=' /=' &%#2% $ 2# ' D=$ I =11$=' /=' $="1$=$ /F"C C%"" C.I 0 "F $=' # EF$/ "F2 =CEK-' 1%# %#$C I D$#/="1-' I F C "%"" I % "C J."$=#W-' N# ' 2# ' /= I F"/F 1 E =22=' J$bE

F&=E DFCC %"" D%#$ C%" F"E ="" / $=E2=#$ /=" E%"CE ="E=-" 2 C=" E%"1="1F /=" $.D%" /$=" Í đ =C1 K%"-" "%#C &=$$%"C D2#C 1F$/@' 5 =C %#$C /=" 2 FKK.' ^ I =$L' .1F ="1 E=+-" D="/F"1 E% I D1.C' =<<%$1 N# 2 F&F 1 <F 1 D%#$ C%#1=" $ /=&F"1 2=" EO=< /=" 2 = I D $=" #"=" EF#C=" CFE$.=" M C=C L=#W-" =1 N#' 1$%#&F 1 F2%$C C' D=# /=" /.<="C=#$C-" F&F 1 .D# C.' C=C /=$" Q$=C <%$E=C' 2 F&F 1 1$%D /=" D=$CD 0 EFE 1.' =1 /=" K%"" C="C D%#$ C=" <2F11=$ N#=" 2 I D$=CC %"" N# 2 F&F 1 #"" I % I ="1 D$%/# 1=" C#$ 2=" EO=< /=" 2 ^1F1 D]1 /#$=$ 2%"J1= I DC =1 /.1%#$"=$ 2=C I F#W N# 2 D$.0 &%LF 1 D%#$ 2 J2 C=" /=" $F"E=' %"" E%#$FJ=" D=$C%""=2+" .1F 1 DFC FKF11#-" I F C 2 F&F 1 D=$/# 1%#1=" E%"< F"E=" /F"C 2=" C%$1 N#=" 2=C D$.1="1 %"C /=" D2#C ="" D2#C =W%$0 K 1F"1=C /=" 2 = I D=$=#$ =1 2=C E% I D2F CF"E=C 1%# %#$C E$% CCF"1=C /=" C=C E%22QJ#=C /=" 2F E% I I CC %"" =EE2.0 C FC1 N#=" D$.CFJ=F ="1 D%#$ 2 F&=" $ $=2 J =#W /=" CF DF1$ =' 3QC 2%$C-" E% I I =" "%#C 2 F&%"C /. M $FE%"1.-" 2 "=" C%"J=F D2#C N# M D$="/$=" 2=C I =C#$=C ".E=CCF $=C D%#$ 1$F"CD%$1=$ 2=" D$ "E DF2 .1FK2 CC= I ="1 /=C #2D +" E ="C O%$C /=" $F"E=-" M F21 I %$=-"/F"C 2=C .1F1C 2 K$=C /=" 2 I .$ N#=" C=D1="1$ %"F2=' %"" b I =" .1F 1 "F&$.=" /=" /%#2=#$ ="" C%"J=F"1 F#W /=C1 ".=C D$%KFK2=C /=" 2 J2 C=" /=" $F"E=" FCC=$& =' d Os' E =C1 2=" K%"" 1= I DC

D%#$ I %#$ $- 5 E$ &F 1+ Z M 2 #"" /= CEC F I C' F"0 "%"E= /= 2F D$%EOF "= $.#" %"" -/# E%"E 2= "F1 %"FZ N#= 2 = I D=$=#$ F&F 1 / .< " 1 &= I ="1 E%"&%N#.' D%#$ 2=C D$= I =$C %#$C /= # "" 2#' D%$1F 2= /=$" =$ E%#D' Z I %#$#1-' F&F"1 N# Z <]1 FCC= I K2.-' 2= * F&$ Z)*))

=C DF$%2=C D$%"%"E.=C DF$ 2 FKK.' I =$L' /F"C 2F C.F"E= /#) ' I F$C "= <#$="1 DFC 1%#1=<% C CF"C =<<=1 C#$ 2=C /.1=$ I "F1 %"C #22.$ =#$=C /= ! FD%2.%"' Z ="" F&F 1 $= I D%$1.' E=11= I D$=CC %"-' N#= C=C E%"C= 22=$C =EE2.C FC2 N =C-' F&=E 2=#$ 1$%D <FE 2= E% I D2F CF"E=-' F&F ="1 .1.' F# I % I ="1 /= 2#' <F $= <F $= E= N#= 2# +-' I Y I = F&F 1 FDD=2.' $ ' ' ' ! !' ="" 2= E% I D$%0 I =11F"1 /F"C #"= F<<F $= /%"1 Z " .1F 1 DFC FCC#$.' /= C= 1 $=$ M C%"" O%"" "=#$' Z F&F 1 F#CC' $=1="# /=C E 1F0 1 %"C /= %CC#=1-' E% I I ="1.=C F&=E 1F"1 / F#1%$ 1.' DF$ ' I =$L-' N# #"" F$$F"J= I ="1 D$.F2FK2= F&=E 2= DFD= .1F 1 ".E=CCF $= C Z &%#2F 1 .& 1=$ #"" CEO C I =' =2F 2#' /%""F N#=2N#= D=# M $.<2.EO $' F$-' C' = I D%$1.' N# Z <]1 DF$ 2F DFCC %"-' 2 = I D=$=#$ F I F 1 M EF2E#2=$ 1%#C C=C FE1=C =1 M I =11$= ="" EOFN#= %EEFC %"- I Y I = N#F"/' Z E./F 1 F#W D2#C =W1$F&FJF"1=C <F"1F C =C-' 2=C I = 22=#$=C EOF"E=C /= C%"" Ec1.

4# %"" &=# 22= K ="" C= $FDD=2=$ #"" "C1F"1 2=C DOFC=C DF$ 2=CN#=22=C-' F# C# =1 /= E=C I F1 Q$=C =EE2.C FC1 N#=C-

F&F 1' C#EE=CC &= I ="1' DFCC.' 2 =CD$ 1' /=' 2 = I D=$=#$-' D2 FC=C' / &=$C=C' =1' E%"1$F/ E1% $=C' N#=' "%#C' F&%"C' 1bEO.' / =WD%C=$' F#CC' =WFE1= I ="1' N#=' D%CC K2=' # /.K#1-' 2' F&F 1' C%"J.' M' $.J2=$' E=C' "E% I I %/=C' N#=C0 1 %"C' M' 2#' C=#2-' =1' DF$' 2F' &% =' 2.J C2F1 &=' =C' E%"C= 20 2=$C' 2FVN#=C' 2=C' D2#C' F#1%$ C.C' 2 ="' F&F ="1' /.1%#$".'$ 2C' 2 F&F ="1' $="&%L.' M' 2F' E% I I CC %"' =EE2.C FC1 N#=' /=')* B' =22=+E' "=' 2#' F&F 1' /%"".' N#=' /=' &FJ#=C' F& C' ="1$= I Y2.C' /=' <%$E=' E% I D2 I ="1C-' I F C' CF"C' 2#' FDD%$1=$' F#E#"=' C%2#1 %"' CF1 C<F CF"1=' .#" =' #"=' C=0 E%"/=' <% C' =1' I C=' F#' D =/' /#' I #$' ="')*))-' =22=' F&F 1' 4" -' /=' J#=$$=' 2FCC=-' DF$' /.E%#&$ $' #"' =WD./ ="1' N#' F&F 1-' M' D$= I Q$=' &#=-' C= I K2.' M' 2 = I D=$=#$' /=&% $' 2=' 1 $=$' ="< "' / = I KF$$FC' F C' &% E' N# #"' I %/=C1=' D$Y1$=' 2#' F&F 1' 1%#1' M' E%#D' <F 1' C="1 $-' D%#$' F "C' / $=' F#' /% J1' =1' M' 2 n 2-' ="' D$.C="E=' /=' 1%#C' 2=C' O% I I =C' D%2 1 N#=C' /=' C%"' = I D $=-' E=' N# #"' DF$= 2' =WD./ ="1' F&F 1' /=' <#1 2=' =1' /=' /.$ C% $=' D$QC' 1F"1' / =<<%$1C' FEE# I #2.C-' 1F"1' /=' /.1%#$C' =CCFL.C-' FD0 DF$F CCF ="1' D2#C' N#=' F I F C' 2F' &F" 1.' /=C' E%#DC' /=' <%$E=' N# 2' F&F 1' 1="1.C-' =1' 2F' ".E=CC 1.' D%#$' 2#' /=' 1$F 1=$' M' 2 F I FK2=-' C#$' 2=' D =/' /=' 2 .JF2 1.-' F&=E' 2=' D%"1 <=' /.CF$ I .' N# 2' 1="F 1' /=D# C' /=#W F"C' EFD0 1 < M' F&%"=' F2J$.' 1%#1' E=' N#=' E=11=' /. I F$EO=' {F22F 1' E%]1=$' M' C%"' %$J#= 2-' 2 = I D=$=#$' $.C%2#1' /=

7 ! 34 ! ! :`

2F 1="1=$ # I % "C "= <F22F 1+ 2 DFC N# =22= <]1 "#1 2= 2 "%#C $=C1= I F "2="FD1 2 %K2 JF1 %" / ="0 1$=$- F# C# =1 /= E=11= 1F$/ &= ".J%E F1 %"- /F"C /= C "J#2 =$C =1 1$ C1=C /.1F 2C N# " %"1 :F I F C .1. $.&.0 2.C F# D#K2 E

$ % & ' ( ) * + , - '.

! ! ' ; ' 7 ' ; ' ' ; !

F2J$.' %DD%C 1 %"' /= FKK.' I =$L ' E I DE$="$ D=$C C1= /F"C CEC /=CC= "C ' 6' 3=D# C 2F I %$1 /# / $=E1="$ /=C #2D E ="C- 2 "RL FWF 1 D2#C /F"C 2= E2=$J.' /= $F"E= D=$C%""= EFDFK2= /= 2# ' $.C C1=$ ="' <FE=' 6' ./FE1 %"' C "J#2 Q$= /= 2F 2=11$= /= E%"&%EF1 %"' F# E%"E 2=' 6 22=' F D%#$ K#1 / "1 I /=$ 2= DFD=' 6 ! FD%2.%"' /.E /= 2= EF$/ "F2 =CEO- =1 2=C D$ "E DF#W /1J" 2F $=C /= 2 J2 C= M .E$ $= M 7 E ; ' 6' ="=#$ /% E=C 2=11$=C ' 6' ' /= F$$F - 3#&% C '' =1 F"#FL ="&%L.C %C1="C K2= I ="1'=" /.D#1F1 %"' M F&%"E= F# "% I ' /# E2=$J.' /= $F"E=- F&=E /=C D%#&% $C C=E$=1C /= ! FD%2.%"' D%#$ 1$F 1=$- F# K=C% "- F&=E 2= DFD=' 6' =#$C "C1$#E1 %"C ' 6' 2C %"1 %$/$= /= C ="1=" /$= F&=E ' /= OFK$%2 D$.<=1 /= %"2E"%11=' 6' =C1 /F"C 2F E%$$=CD%" /F"E= /= ' /= OFK$%2 N# 2 <F#1 EO=$EO=$ 2F m$ 1.' C#$ 2= /.1F 2 /= E= N#' C =C1 DFCC.' M F&%"=

F E%#$FJ=#C= %DD%C 1 %"' /= 2 FKK.' I =$L' F&F 2 %#&=$1 2=C L=#W /= 2 = I D=$=#$ C#$ 2=C / << E#21.C /= 2 ="1$=D$ C= /F"C 2FN#=22= 2 D=$C C1F 1 M C ="JFJ=$' D$QC 2F C.F"E= 1="#= F#W # 2=$ =C 2=) ' I F$C) *)) - 2 "= 2#' .1F 1 D2#C D%CC K2= /= C= <F $= 2F I % "/$= 22#C %"' C#$ 2 FEE#= 2 N#= $="E%"1$=$F ="1 M F&%"= 2=C E%"E2#C %"C /# E% I D2F CF"1 $FDD%$1 $= I C DF$ 2=C .&YN#=C /= 2F E% I I CC %"' =EE2.C FC1 N#=' ' 2= DFD= 2=C $= =1F 1- =1 ' I =$L' F&F 1 F<< $ I .' N# 2 2=C $=+

! ! ' ; ' 7 ' ; ' ' ; ! \

=22=$F <-' E E2F 1' &=$C' #"' CEO C I =' N# %"' C FEO= I "F 1-' CEO C I =' /%"1' 2F' C=#2=' D$.L P %"' F&F 1' =<<$FL.' 2=C' I = I K$=C' 2=C' I % "C' %$1O%/%W=C' /=' C%"' E%"C= 7' / 1F1-' =1' N#=' ! FD%2.%"' 2# + I Y I =' $=JF$/F 1' F&=E' $F C%"' E% I I =' /F"J=$=#W' D%#$' 2F' C]$=1.' /#' $.J I =' N# 7' &=0 "F 1' /=' <%"/=$' ="' $F"E=S' I F C' C%"' %$J#= 7' .1F 1' ="' =#' 7' F&F 1' D$ C' C%"' DF$1 -' 7' 2 F&F 1' <F 1' D#K2 N#= I ="1' E%""FZ1$=' -' 7' " ="' EOF"J=$F 1' DFC' :F I F C' 7' " F&F 1' $=E#2.' /=&F"1' F#E#"' F/&=$CF $=S' 1%#C' 2#' F&F ="1' E./.'$ 2=' DFD=' E./=$F 1' E% I I =' #"' F#1$=-' =1' 2=' DFCC.' / F 22=#$C' JF$F"1 CCF 1' 2 F&=" $' 7 =' ' " F&F 1+ 7' DFC' 1. I % J".' 2F' D2#C' J$F"/=' $.D#J"F"E=' M' &=" $' 2=' CF0 E$=$' M' 7F$ C' g' =1' E=D="/F"1-' I % 1 .' /=' J$.-' I % 1 .' /=' <%$E=-' 7' L' .1F 1' &="#' 7' "=' C FJ CCF 1' N#=' / = I D2%L=$ #"' D=#' D2#C' /=' I ="FE=C-' #"' D=#' D2#C' /=' E%"1$F "1=-' =1' E=11=' <% C' ="E%$=' 7 =' 27' C=' $.C J"=$F 1

"C' N#=' "%#C' 2 F&%"C' /. M' =WD2 N#.-' 2 = I D=$=#$ .1F 1' /F"C' E=11=' E $E%"C1F"E=' M' D=#' D$QC' C=#7' /=' C%"' F& C-' =1' 2F' $=CD%"CFK 2 2.' /=' CF' $.C%2#1 %"' 2#' FDDF$1=0 "F 1' =WE2#C &= I ="1' =C' D2#C' /.&%#.C' DF$1 CF"C' =1' 2=C' I = 22=#$=C' 1Y1=C' /=' CN"' E%"C= 7' / 1F1-' C 2C' " F&F ="1' %C.' C ="' =WD2 N#=$' E2F $= I ="1' /=&F"1' 2# -' F&F ="1' /# I % "C' 2F CC.' /=& "=$' 2=#$' C=E$Q1=' /.CFDD$%KF1 %"' ' %"' D$%D$=' %"E2=-' 2=' EF$/ "F7' =CEO-' " F&F 1' DFC' I F"N#.' /=' 2#' C J"F2=$' M' 1%#1' D$%D%C' 2F' J$F& 1.' /#' DFC' N# 2

B* ‘ ! ‘ ‘ ‘ 7 ‘ 7

C=‘ D$%D%CF 1‘ /=‘ <$F"EO $-‘ =1‘ E% I I =‘ 2F‘ I =C#$=‘ " .1F 2‘ D% "1‘ #"=‘ /=‘ C=C‘ N#F2 1.C‘ /% I "F"1=C-‘ 2‘ "=‘ C .1F 1‘ D% "1‘ <F 1‘ <F#1=‘ /=‘ <F1 J#=$ C%"‘ "=&=#‘ ="‘ 2=‘ I ="FPF"1‘ E%"1 "#=22= I ="1‘ /#‘ E%#$$%#W /#‘ E =2-‘ =1‘ ="‘ 2=‘ D%#$0 C# &F"1‘ /=‘ C=C‘ "E=CCF"1=C‘ %K #$JF1 %"C ‘ =C‘ / CE$Q1=C‘ $= I %"1$F"E=C‘ /=‘ 2 FKK.‘ I =$L-‘ /=‘ E=‘ I %/=C1=‘ D$Y1$=‘ N#=‘ 2 = I D=$=#$‘ CF&F 1‘ <%$1= I ="1‘ F11FEO.‘ F#W‘ I FW I =C‘ /=‘ 2 J2 C=‘ JF22 EF"=-‘ /%"1‘ 2‘ D$ CF 1‘ F#1F"1‘ N#=‘ D=$0 C%""=‘ 2=‘ "%K2=‘ EF$FE1Q$=-‘ 2 =CD$ 1‘ . I "="1‘ =1‘ 2F‘ F=‘ CFJFE 1.-‘ F&F ="1‘ / FK%$/‘ D$%/# 1‘ #"‘ D=#‘ D2#C‘ / =<<=1‘ I F C‘ E=2F‘ " F&F 1‘ J#Q$=‘ /#$.-‘ =1‘ 2F‘ I %$1‘ /#‘ EO=</=C‘ #2D E ="C‘ F&F 1‘ & 1=‘ =<<FE.‘ E=11=‘ I D$=CC %"‘ DFCCF0 JQ$=‘ 3=D# C‘ N#=‘ ‘ I =$L‘ F&F 1‘ / CDF$#‘ /=‘ 2F‘ CEQ"=-‘ 2‘ " L‘ F&F 1‘ D2#C‘ /F"C‘ 1%#1‘ 2=‘ E2=$J.‘ <$F"PF C‘ #"=‘ C=#2=‘ D=$C%""=‘ /%#.=‘ / FCC=X‘ / F#1%$ 1.‘ D%#$‘ $=1=" $-‘ C‘ D=#‘ N#=‘ E=‘ << 1-‘ 2 = I D=$=#$‘ C#$‘ 2F‘ D="1=‘ <F1F2=‘ %a‘ 2‘ F22F 1‘ /.C%$ I F C‘ C=‘ D$.E D 1=$‘ =‘ EF$/ "F2‘ =CEO-‘ 2=C‘ .&Y0 N#=C‘ /#‘ E% I 1.‘ =1‘ 2=C‘ F#1$=C‘ D$.2F1C‘ $.#" C‘ ="‘ E=‘ I %0 I ="1‘ M 7F$ C-‘ F&=E‘ 2=CN#=2C‘ ! FD%2.%"‘ ="1$=1="F 1‘ /=0 D# C‘ N#=2N#=‘ 1= I DC‘ /=C‘ E% I I #" EF1 %"C‘ D$=CN#=‘ %#$"F2 Q$=C-‘ .1F ="1‘ D$.E C. I ="1‘ 2=C‘ D=$C%""FJ=C‘ 2=C‘ D2#C‘ D$%D$=C‘ M‘ 2=‘ E%"< $ I =$-‘ CF"C‘ 2=‘ &%#2% $‘ =1‘ CF"C‘ 2=‘ CF&% $-‘ /F"C‘ C%"‘ D=$" E =#W /=CC= "

&=E‘ #"‘ O% I I =‘ 1=2‘ N#=‘ 2 = I D=$=#$-‘ =1‘ C#$‘ / F#CC‘ /.2 EF1=C‘ I F1 Q$=C-‘ N#=‘ D%#&F ="1‘ 2=C‘ D2#C‘ O%""Y1=C

"1="1 %"C- C ' =22=C " .1F ="1 FDD#L.=C /= K=F#E%#D /= 2# I Q$=C- / #"" 1FE1 "< " ' =1 / #"= ".K$F"2FK2= <=$0 I =1.'g =C 2# I Q$=C =1 2= <FE1 I F"N#F ="1 F# EF$/ 0 "F2 =CEO- =1 2F <%$E= /= EF$FE1Q$= <F CF 1 /.<F#1 M 1%#1 E= I %"/= =EE2.C FC1 N#= ' FK 1#.' /= 2%"J#= /F1= M I .D$ C=$ 2=C E%""F CCF"E=C 12 .%2%J N#=C /= C%"" %"E2=- =1 I F "1="F"1 I DF1 ="1.' /= 2 =WEQC /= C%"" XQ2= #21$F I %"1F "- ! FD%2.%"" CF&F 1 DF$<F 1= I ="1 N# #"" I %1 /= CF K%#EK=- 2= %#$ %a 2 C=$F 1 C.&Q$= I ="1 D$%"%"E.- <=$F 1 1% I K=$ M 1=$$= E= K$#LF"1 .1F2FJ= / %DD%C 1 %"' 8#F"1 F#W I = I K$=C /# E% I 1.' =1 F#W D$.2F1C N#' <$.N#="1F ="1 2=C # 2=$ =C- N#=2N#=C DF0 $%2=C .EOF"J.=C F&=E =#W F&F ="1 C#<<' D%#$ E%"&F "0 E$= 2 = I D=$=#$ N# M 2 F /= / #"" D=# / F/$=CC=- I %L="0 "F"1 E=$1F "C .JF$/C =W1.$ =#$C =1 /=C I ."FJ= I ="1C C#<< CF I I ="1 JF$/.C- 2 /.D=" /$F 1 /= 2# ' /= 2=C I ="=$- /F"C CF N#=$=22= F&=E 2= DFD=- F#CC ' 2% "" N# 2 ="" F#0 $F 1 K=C% "' &F"1 /= $FE%"1=$ E% I I ="1 C=C D$.& 0 C %"C C= 1$%#&Q$="1 C ' I F2O=#$=#C= I ="1 &.$ < .=C- =1 N#=2 $c2= /.D2%$FK2= 2= EF$/ "F2 =CEO =1 2=C I = I 0 K$=C D$ "E DF#W /= 2 .D CE%DF1 <$F"PF C 1$%#&Q$="1 K%"" / FEE=D1=$ /= CF I F "- 2 "%#C <F#1 /%""=$ #"= /.= /= 2 ="C= I K2= /# D2F"" N# F&F 1 I FJ "' 2 = I D=$=#$ F< "" / FJ $ F&=E #"= C#<< CF"1= =<< EFE 1.' C#$ 2 =CD$ 1 /# I F2O=#$=#W D$ C%"" =$ /= F&%"=' = D2F"-' E% I I =

)&#' 4' ! ' ' ' 7 ' 7

C E=#W N#' C%"1' C%$1 C /#' E=$&=F#' /=' E=' D$%<%"/'
5I 2m24 N#=-' .1F 1' E% I K ".' F&=E' D2#C / OFK 2=1=' N#=' /='
SA e mmD#2=-' =1' 2=C I % "/$=C DF$1 =C ="' .1F ="1' <%$1= I ="1'
m = = C' ="C= I K2=

! FD%2.%"' F&F 1' $.C%2#' /=' E%"&%N#=$' %C1="C K2=0
I ="1' =1' F&=E' #"' E=$1F "' <$FEFC' 2=' E%"E 2=' "F1 %"F2'
F&F"1' / ="1$=$' /F"C F#E#"=' =CDQE=' /=' ".J%E F1 %"'
F&=E' 7 =' ' # &F"1' C%"' OFK 1#/=-' C%"' "1="1 %"-' ="'
FJ CCF"1' F "C -' .1F 1' /=' I =11$=' 2=' DFD=' ="' <FE=' / #"='
/.1=$ I "F1 %"' D#K2 N#= I ="1' F$$Y1.=' =1' / #"' <F 1' D%#$'
F "C' / $=' FEE% I D2 ' ' F&F 1' EF2E#2.' N#=' 2F' E$F "1=' /='
&% $' #"=' FCC= I K2.=' F#CC' E%"C /.$FK2=' D$="/$=' CF"C'
C%"' E%"E%#$C' /=C' /.E C %"C' $=2F1 &=C' C% 1' F#' /%J I =-'
C% 1' M' 2F' / CE D2 "=' =EE2.C FC1 N#=-' /%""=$F 1' M' $.<2.0
EO $' F#' EO=<' /=' 2F' EF1O%2 E 1.' =1' 2=' 1$%#K2=$F 1' K=F#0
E%#D' 2 F11FEOF 1' /%"E' 2=' D2#C' J$F"/' D$ W' M' E=' N#='
7 =' ; ' <]1' / F&F"E=' E%"&F "E#' N#=' 2=' <#1#$' E%"0
E 2=-' =WE2#C &= I ="1' D2FE.' C%#C' 2F' /.D="/F"E=' /=' E=0
2#' N#' 2 F&F 1' 0 1 2' DF$1FJ=$F 1' CF"C' $.C=$&=-'
C#$' 2F' N#=C1 %"' D="/F"1=' /=' 2 "C1 1#1 %"' EF"%" N#=-'
2=C' /%E1$ "=C' . I C=C' DF$' 2F' E% I I CC %"' E%"&%N#.='
="')* B' 2' C%#OF 1F 1' D2#C' ="E%$=' 1' E% I K ="' <%$1='
/=& ="/$F 1' CF' D%C 1 %"-' C' 7 =' ' D%#&F 1' Y1$=' E%"0
/# 1' M' D="C=$' N#=' 1%#C' E=C' D$.2F1C' C' DF$<F 1= I ="1'
/.&%#.C' M' 2 = I D $=' "=' C=' $=<#C=$F ="1' D=#1+Y1$=' DFC' M

! ! ' ; ' 7 ' ; ' ' ; ! 2 2

D$%"%"E=$ 2F /.EO.F"E= /# C%#&=$F " D%"1 <=s /.=
/= $=E%#$ $ M #"= DF$= 22= =W1$. I 1. F&F 1- 2 "= <F#1
DFC 2 %#K2 =$- 1$F&=$C. "FJ#Q$= 2 =CD$ 1 /= ! FD%2.%"-
=1- C 2 2 F&F 1 D%#$ 2= I % I ="1 M D=# D$QC FKF"/%"+
/.=- 2 "= 2# /.D2F CF 1 DFC N# =22= C %2Z$Z1 E% I I = #"
.D%#&F"1F 2 } 2 I FJ "F1 %" /# CF "1+DQ$=

%#1=C 2=C I =C#$=C D$ C=C- 1%#1=C 2=C DF$%2=C D$%0
"%"E.=C F&F"1 2= /.DF$1 /=C .&YN#=C ="&%L.C E% I I =
".J%E F1=#$C M F&%"=- " F&F ="1 D% "1 =# / F#1$= K#1
N#= E=2# N#= "%#C &="%"C / "/ N#=$ F 1="=#$ /=
2F E $E#2F $= F/$=CC.= F#W I = I K$=C /# <#1#$ E%"E 2=
D%#$ 2=C E%"&%N#=$ M 7F$ C C= $=CC="1 1 =22=+ I Y I = /=
E=11= D$.%EE#DF1 %" /= 2 = I D=$=#$- =1 2 1 "1 M 2F $.0
/ J=$ /= CF D$%D$= I F " d %#C "= 2F D#K2 =$=X DFC-
/ CF 1+ 2 2= F&$ 2 M C%" I " C1$= /=C E#21=C - I F C
&%#C $.#" $=X EO=X &%#C 2= E%"C= 2 =EE2.C FC1 N#= - =1
&%#C 2# E% I I #" N#=$=X 2F 2=11$= E% I I = .1F"1 /.< 0
" 1 &= I ="1 F$$Y1.= %#C $=E#= 22=$=X 2=C %KC=$&F1 %"C
F#WN#=22=C =22= /%""=$F 2 =#- =1 &%#C I = <=$=X E%"0
"FZ1$=- M 2 "C# /= 1%#C- 2 =2Z=1 N# =22= F#$F <F 1 C#$ 2=
E% I 1. =1 E= N#= &%#C ="" F#$=X E%"E2# N# 2 L F#$F 1
M L EOF"J=$ 5 "1="1 %" /= 2 = I D=$=#$- N#F"/

6 "))(" -& (#71#(# (8 #&7)" ') -" (%7" " 9 % (
6:66 ; ! ' " #) << 9 1 6=3

) ' ' ! ' \' ' 7 ' 7

2 F&F 1 $./ J.' E=21=' .1$F"J=' E $E#2F $=-' .1F 1 I F" 0
<=C1=' 2 C .1F 1 D$%D%C.' / "1 I /=$ F#1F"1 N#=' D%CC 0
K2=' 2=' C%#&=$F "' D%"1 <=' ="' 2=' /."%"PF"1 M 2F' E2 $.+'
2 ="1.' ="1 Q$=' E% I I =' 2=' C=#2 F#1=#$ /=C I F#W /%"1
C%#<<$F 1 2 J2 C=' EF1O%2 N#=$ I F C #CN# %a D%#$$F 1+ 2
F22=$ ="' E=' C="C CF"C $=K#1=$ 2F E% I D2F CF"E=' /=C
.&YN#=C N# 2 <F CF 1 E%"C#21=$ C%#C I F "g ! FD%2.%"'
2 J"%$F 1$ I F C 2 C=' /.E /F M %C=$ K=F#E%#D-' E% I 0
D$="F"1 N# 2 C=$F 1 1%# %#$C 1= I DC / =<<FE=$ FD$QC
E%#D E=' N#' 2=C F#$F 1 1$%D EO%N#.C' F 2=11$=' /='
E%"&%EF1 %"' F# E%"E 2=-' N#=' /=' F$$F' C =C1 K ="'
JF$/.' / "C.$=$ /F"C C=C I H+ ' F# 2 =# /=' E%"0
1=" $-' E% I I =' 2 =]1 .1.' "F1#$=2-' #"=' C I D2=' <%$0
I #2=' / "& 1F1 %"-' .1F 1 /=&="#=' #"' &.$ 1FK2=' $.N# 0
C 1% $=-' #"=' C%$1=' / FE1=' / FEE#CF1 %"' 2F"E.' /=' OF#1
E%"1$=' 2=' CF "1+DQ$=' =D=" /F"1 2=C .&YN#=C C=' 1#$="1
2=C %KC=$&F1 %"C N#=' 2 = I D=$=#$ C F11=" /F 1 M $=E=0
&% $-' F#WN#=22=C 2 F#$F 1 D=#1+Y1$=' <F 1 /$% 1 /F"C #"=
E=$1F "=' I =C#$=-' "=' C=' D$%/# C $="1 I Y I =' DFC' <"
/=' CF#&=$ #"' D=# 2=C FDDF$="E=C-' =1 D%#$ "=' DFC
I =11$=' 2=C .&YN#=C /=' $F"E=' /F"C #"' 1$%D "E% I 0
I %/=' = I KF$$FC & C+M+& C /=' 2=#$C D$%D$=C / %E.CF "C-'
2 = I D=$=#$ F&F 1 /F J".' $=E%#$ $ F# K F C "J." =#W
/=' "=' DFC "% I I =$ D=$C%""=22= I ="1 7 =' =' <#1 2M
1%#1=' CF E%"/=CE="/F"E=' d 4"=' /=C DF$1 =C E%"2$FE+

! ! ' ; ' 7 ' ; ' ' ; ! ')

1F 22=C F I .E%""# 2= E%"E%$/F1- / CF 1 2F E $E#2F $=S 2F E%" /# 1= N#= 2 %"" F 1="""E ="" 22= I FJ"= /=D# C / W F"C F+D$=CN#= / .1$# 1 2 .D C-E%DF1 /F"C E=11= DF$1 = /= 2F =O$.2 = 2. ' " F 1$%#K2.' 2=C EOFD 1$=C /F"C 2= /$% 1 N# 2C %"1 /= D%#$&% $ D="/F"1 2F &FEF"E= /# C QJ= M 2 F/ I " C1$F1 %"" /=C / %EQC=C- =1 2 %"" F %#$/ ' /=C I F"n#&$=C 1."K$=#C=C 1="/F"1 M =WE 1=$ 2F / C0 E%$/= =1 2F C./ 1 %"" DF$ I ' "%C C# =1C ' .1F 1 D%#$ D$.&=" $ #"" .1F1 /=C EO%C=C C' E%"1$F $= F# K ="" /= 2F $=2 J %"- F#W D$ "E D=C /= 2 J2 C= JF22 EF"= =1 F#W "0 1.$Y1C /= 2 1F1 N#= 2 = I D=$=#$ F&F 1 $.C%2# /= $.#0 " $ F# B # "" D$%EOF "- /F"C 2 .J2 C= ! %1$=+3F I = /= 7F$ C- 1%#C 2=C .&YN#=C /= $F"E= =1 / 1F2 = ="" E%"0 E 2= "F1 %"F2 R 5

=C D$.2F1C EO% C C DF$! FD%2.%"" D%#$ C= $="/$= M F&%"= .1F ="1 ' /= F$$F - F$EO=&YN#= /= %#$C- ' 3 &% C "- .&YN#= /= ! F"1=C- =1 ' F""FL- .&YN#= /= $Y&=C- N# ' $=P#$="1 D2#C 2F$/- DF$ #"= /.E C %"" ="" /F1= /# ' F&$ 2- 2 F#1%$ CF1 %"" /= C F/ % "/$= 2 .&YN#= /= F="XF- "% I I .' $.E= I I ="1 F# DF1$ F$EF1 /= ;=" C= ' = I D=$=#$ &%#2#1 &% $ 2=C .&YN#=C F&F"1 2=#$ /.DF$1- =1 /%""F 2 %$/$= M C%"" I " C1$= /=C E#21=C

) ' $E#2F $= D=#$ 2F E%"&%EF1 %"" /# E%"E 2% "F1 %"F2 ' F "1+ 2%#/- ' F&$ 2)*)) ' 6' $! ' ' M 1 # ' ' 1' GG - D'

2=' E%"E%$/F1' /=' $F"P% C' U-' N#=' "%#C' F& %"C' $="%#0 &=2.-' ='1' /=' 2F' I F" Q$=' N#' C=$F' .1FK2 =' DF$' 2=' E%"E 2=' ='1' N#' F#$F' $=P#' "%1$=' FDD$%KF1 %"m' =D="/F"1' %"* D%#$$F 1' $=&=" $' F#' E%"E%$/F1' F#W' E%"/ 1 %"C' C# 0 &F"1=C' i d)k' N#=' 2=' DFD=' "C1 1#=$F 1' 1%#C' 2=C' .&Y0 N#=C' N#=' "%#C' F#$%"C' "% I I .C$' k' N# M' 2 F&=" $' "%1$=' "% I "F1 %"* C=$F 1' E% I I #" N#.=' F#' DFD=' /F"C' 2F' <%$ I =' %$/ "F $=$' N# =22=' C=$F 1' ="* I Y I =' 1= I DC' "%1 < .=' F#' I .1$%D%2 1F "* $ N#=-' C' 1$% C' I % C' FD$QC' 2F' E%#$' /=' % I =' " F&F 1' DFC' "C1 1#.-' 2 "C1 1#1 %"* /=&$F 1' Y1$=' /%"".=' DF$' 2=' I .1$%D%2 1F "* M' 2 .JF$/' /=' C=C' C#<+' <$FJF"1C-%# DF$2=D2#C' F"E ="* /=C' C#2Z$FJF"1C' M' /.<F#1' /#' I .1$%D%2 1F "-' 2%$CN# 2' C FJ $F 1' /=' C%"* C QJ=-' 2=' 1%#1' CF"C' N# %"* D# CC=' F22.J#=$' F#E#"=' $F C%"* /=' "%"+5% I I #" EF2 %"C-' / = I DYEO= I ="1C' /=' 1=$$ 1% $=-' / "1=$E=D1 %"C' /=' E%#$$ =$' 5

F' E%"&="1 %"* C.DF$.=' /%"1' 2=' K#1' C=$F 1' /=' 2.J2=$' 2=C' F<<F $=C' J."$F2=C' =1' 2F' C 1#F1 %"* D=$C%""=22=' /=' 7 =' ; ' D%#&F 1' $=D%C=$' C#$' 2=C' KFC=C' C# &F"1=C' i d ! %#C' FEE%$/=$%"C' F#' DFD=' 2=' $=1%#$' /F"C' 2F' I .1$%D%2=' /=' % I =-' D%#$&#' N# 2' "%#C' D$Y2=' 2=' C=$ I ="1' N#=' D$=C0 E$ 1' 2=' E%"E%$/F1-' ='1' N#=' 2=C FD=C' %"1' 1%# %#$C' D$Y1.

' "C1$#/ %#C' D%#' ' FE2 E&Q #%' /=' %#$C' =1' ' 2=C' .&.N#=C' /=' !F"1=C' =1' /=' $Y&=C' F "1+ 2%#/-' ' F&$ 2')*)) ' 6' D ! ' ' 1 + $ ' " # ' M 9 5 1' GG -' D')

F#W = I D=$=#$C ' 3F"C 2= EFC %a 2 $=<#C=$F 1 /= D$Y1=$ E= C=$ I ="1- "%#C "= D%#$$%"C E%"C="1 $ M E= N# 2 /= I =#$= M % I =S I F C "%#C E%"C="1 $%"C M E= N# 2 F 22= $.C /=$ M & J"%"- N#= 2M 2 F 1 2 F/ I " C2$F1 %"" /= 1%#1 2= CD $ 1#=2 /= 2F EO$.1 ="1.- N#= 2=C D# CCF"E=C EO$.1 =""=C N# '&%#/$%"1 F&% $ F#D$QC /= 2# ' /=C EOF$0 J.C / F<<F $=C %# /=C $.C /="1C ="" C% ="1 I FZ1$=CC=C- =1 N#= E=C EOF$J.C / F<<F $=C-'$.C /="1C %# I " C1$=C- F ="1 2=C I I #" 1.C FEE%$/.=C DF$ 2= /$% 1 D#K2 E F#W FJ="1C / D2% I F1 N#=C- N# 2 F 2 2=C O%""=#$C C%#&=$F "C =1 2F 2 K=$1.' /= E% I I #" N#=$ F&=E 2=C J2 C=C .1$F"JQ$=C ' 8#F"1 M C%"" 1= I D%$=2- ' I 22 %"C C=$%"1 F<<=E1.C M C%"" ="1$=1 =" ' =C ' I 22 %"C- DFL.C C% 1 DF$ "%#C- C% 1 DF$ 1%#C 2=C D$ "E=C EO$.1 ="1.- C=$%"1 D$ C C#$ 2=C K.0 ".< E=C /= 2F EO$.1 ="1.- C=2%"" N#= E=2F C FEE%$/mF 2= I =#W F&=E 2F I F" Q$= /= &% $ /# DFD=' 8#F"1 M 2 =W=$E E= /# D%#&% $ CD $ 1#=2 /# DFD= /F"C 2 "1.$ =#$ /= "%1$= = I D $=- C ' 2= DFD= &F M % I = =1 D$Y1= C=$0 I ="1- "%#C " =W J=%"C $ ="" F#1$= EO%C=S C 2 "= E$% 1 DFC /=&% $ D$Y1=$ E= C=$ I ="1 =1 N# 2 F 22= M & J"%"- "%#C =W J=$%"C /= 2# ' 2F D$% I =CC= N# 2 "= <FCC= $ ="" /F"C "%1$= = I D $= /= E%"1$F $= F#W N#F1$= D$%D%C 0 1 %"C /= 2 J2 C= JF22 EF"R ; ' 5

2 ' ' ! ' ' ' 7 ' 7

M 7F$ C F&F"1 2=) U # " ' F 1=C K ="" E%""FZ1$= N#= /F"C F#E#"" EFC 2= DFD= "= D=#1 $="1$=$ /F"C 2F C%#0 &=$F "=1. ' /= % I =- DF$E= N#= E=2F C=$F 1 E%"1$F $= F#W 2% C /= 2 = I D $=- =1 DF$E= N#= 2F $F"E= "= $=0 E%""FZ1$F F I F C F#E#"= "<2#="E= CD $ 1#=22= /= 2F DF$1 / #"" D%"1 <= N# ' C=$F 1 C%#&=$F " ' ; %#C "= I F"N#=$=X DFC- / CF 1 2 = I D=$=#$ ="" 1=$ I "F"1- =1 E% I I d /=$" Q$= $=E% I I F"/F1 %"" M C=C / .&%#.C I F"0 /F1F $=C- &%#C "= I F"N#=$=X DFC /= D$.&=" $ 2= DFD= /= 2F $.#" %"" /# E%"E 2=- =1 /= E= N#= <=$F 2 J2 C= /= $F"E=- E%"/# 1= DF$ 2 =W= I D2= /=C 1= I DC F"1.$ =#$C =1 DF$ 2F ".E=CC 1. ' /# CF2#1 =1 /# K ="" /= 2F $=2 J %" ' 5 2 " L F&F 1 DFC M $=/%#1=$ N#= 2= 1$F 1. ' M E%"E2#$= I F$EOb1 1$%D & 2= F&=E /= DF$= 22=C "C1$#E1 %"C ' C= /= I F"/= I Y I = E% I I ="1 2 = I D=$=#$- N# ' I =11F 1 ="" F&F"1 /= C ' <%$1=C =W J="E=C =1 " FEE%$/F 1 ="" $=0 1%#$ F#E#"= =CDQE= /= E%"E=CC %"- D%#&F 1 /= K%""= <%' C I FJ "=$N#= 2F ".J%E F1 %"" =]1 C=#2= I ="1 EOF"E= /= C ="1F I =$ '))) C= I K2= E=D="/F"1 N# #"= D$.%EE#0 DF1 %"" 1%#1 %DD%C.= FJ 1F C#$1%#1 C%"" =CD$ 1 F# I %0 I ="1 /# /.DF$1 /=C .&YN#=C- M CF&% $- 2F E$F "1= /= DF$FZ1$= F&% $ <F 1 2=C D$= I Q$=C F&F"E=C F# CF "1+DQ$=

) ' "C1$#E1 %"C D%#$ ' 2 F$EO=&YN#= /= %#$C =1 ' 2=C .&YN#=C (2= ! F"1=C =1 /= $Y&=C ' F "1+ 2%#/ - ' F&$ 2)*)) ' 6 ' D ! ' ' " # ') ' 1 ' GG - D '))

! ! ' ; ' 7 ' ; ' ' q !

= * F&$ 2-' ' J%1' /=' 7$.F I ="=#-' ='" 1$F"C I =10 1F"1' F#W .&YN#=C N#' F22F ="1' DF$1 $' D%#$' F&%"=' 2=C "C2$#E2 %"C /%"1' "%#C &="%"C /=' /%""=$' 2=' 1=W1=' D$=CN#=' E% I D2=1-' D$="F 1' C% "' /=' 2=#$' $FDD=2=$' #"=' C=E%"/=' <% C-' DF$' %$/$=' =WD$QC /=' 2 = I D=$=#$-' d N# 2C "=' /=&F ="1' F&%#=$' 2=C D%#&% $C /%"1' 2C .1F ="1' D%$0 1=#$C N# F# I % "="1' %a' 2C &=$$F ="1' 2=' DFD=' / CD%C.' M 1$F 1=$' 5 F"C /%#1=' 2C F&F ="1' N#F2 1.' D%#$' 1$F 1=$' =1' I ="=$' 2F' ".J%E F1 %"' M 2 "S' d I F C 2C /=&F ="1-' F&F"1' /=' $ ="' C J"=$-' ="&%L=$' 2F' I "#1=' /=' 2F' E%"&="0 1 %"' N# 2C D%#$$F ="1' <F $=-' F< "' / Y1$=' K ="' FCC#$.C N# =22=' F#$F 1' 2 FDD$%KF1 %"' /=' F' F =C1.R 5' F"1' /=' D$.EF#1 %"C .1F ="1' / F#1F"1' D2#C "#1 2=C N#=' 2=C 1$% C /.D#1.C .1F ="1' E="C.C " F&% $' .1.' ="&%L.C ="' I CC %"' D$QC /#' CF "1+DQ$=' N#=' DF$' 2=C D$.2F1C $.#" C ="' E=' I % I ="1' M 7F$ C' ! FD%2.%"' F&F 1' =#' C% "' / F$0 $F"J=$' 1%#1=C EO%C=C /=' <FP%"' M K ="' .1FK2 $' M 2 .JF$/' /=' 7 =' ' N# 2 .1F 1' %<< E =22= I ="1' .1$F"J=$' M E=21=' /.I F$EO=' /=' 2 .D CE%DF1' <$F"PF C' 2 2 F&F 1' D=$0 I C=-' E .1F 1' /=' CF' DF$1' F<<F $=' /=' E%#$1% C =' =1' #"=' D$=#&=' /=' CF' 2%"JF" I 1.' 2 F&F 1' 1="#' F#' C#$+

)' =11$=' /#' I " C1$=' /=C E#21=C M' ' 2 F$EO=&YN#=' /=' %#$C =1' ' 2=C .&YN#=C /=' $Y&=C =1' /=' ! F"1=C-' *' F&$ 2)*))-' E 1.=' DF$' ' /=' F$$F ' 6' I H+ ' 5 ' %$ ' D' `)

/=' $F"E=' =C1' ="' =<<=1' 1%#1=' 2 J2 C= JF22 EF"=' N#' &F' DF$2=$' DF$' 2=#$' K%#EO=' M "%1$=' FDJ#C1=' EO=<' 5

#' 2=' &% 1' /=' D2#C' ="' D2#C' E2F $= I ="1-' 1%#1' 2 =2 %$1' =1' 1%#1' 2 F$1 < E=' /=' ! FD%2.%"' 1=" /F ="1' &=$C' #"' #" 0 N#=' K#1' ' 1%#1' D$ W-' 2' &%#2F 1' N#=' C%"' " F2O=#$=#W' D$ C%"" =$-' $=1="#' M F&%"=' 2% "' /#' E% I I =$E=' /# I %"/=' =1' D$ &.' /=' 1%#1=' E% I I #" EF1 %"' F&=E' 2=C' < /Q2=C' /=' C%"' J2 C=-' <]1' D=$C#F/=' N# ="' EFC' /=' $#D0 1#$=-' 2 .D CE%DF1' <$F"PF C' =1' 2=' E%$DC' ="1 =$' /#' E2=$J.' C=' $F"J=$F ="1' F&=E' #"F" I 1.' /#' Ec1.' /#' J%#&=$"=0 I ="1' I D.$ F2-' =1' " O.C 1=$F ="1' DFC-' C 2' 2=' <F22F 1-' M C=' C.DF$=$-' C#$' 2=C' N#=C1 %"C' /.KF11#=C-' /#' EO=<' /=' 2F' EF2O%2 E 1.' "C' N#=' "%#C' F&%"C' 1bEO.' /=' 2 .1FK2 $-' $ ="' " .1F 1' I % "C' D$%#&.' %#1' F#1$=C' F#$F ="1' .1.' ="+' DF$1 E#2 =$-' C 2C' F&F ="1' .E%#1.' 2=#$' D="EOF"1' "F1#$=2' =1' 2F' &% W' C=E$Q1=' /=' 2=#$' E%"CE ="E=-' 2=C' / CD%C 2 %"C' /#' D$%D$=' %"E2=' /=' 2 = I D=$=#$' =1' E=22=C' /=C' I = I K$=C' 2=C' D2#C' / C1 "J#.C' /=' 2 .D CE%DF1$' I F C' #C E I ="1' DF$E=' N#' 2' F&F 1' 1F"1' /=' $F C%"C' / FDD$.O="/=$' 2=#$' C%#$/=' $.D#J"F"E=-' 2 = I D=$=#$' F11FEOF 1' 2F' D2#C' J$F"/=' I D%$1F"E=' M 2=C' ="JFJ=$' D2#C' M' <%"/' F&=E' 2#' E%"1$=')=' CF "1+DQ$=' < '" /=' 2=C' I =#W' E% I D$%+

)' =11$=' /=' /%#X=' EF$/ "F#W-' F$EO=&YN#=C' %#' .&YN#=C' F#' DFD=-' \' F&$ 2')*))-' E 1.=' DF$' ' /=' F$$F ' 6' I H+ ' ' 5 ' %$ ' D'

<2#="E= N# % ' F#$F 1 F C. I ="1 C#$ #" O% I I = "E=$0 1F " =1 <2%11F"1 C#$ 2=C DF$1 C N# 2 D$="/- =1 2 %$ D=#1 F&F"E=$ CF"C E$F "1= /= C= 1$% I D=$ N#= 2F EOF$ 1. /= 2 J2 C= /% 1 Y1$= ="E%$= D2#C J$F"/= N#= 2 %$J#= 2 / #" E%"N#.$F"1- N#= E =C1 M =22= /= D$.&=" $ 2=C D2#C J$F"/C I F2O=#$C =" C= D$Y1F"1 M #" D$% I D1 F$$F"0 J= I ="1 = I D=$=#$ " O.C 1=$F F I F C M $=D%#CC=$ 2=C F11FN#=C / $ J.=C E%"1$= 2# - E2- 2% " /= $=E#2=$- 2 $F 1%# %#$C =" F&F"1 5

.1F 1 CF"C /%#1= D%#$ /%" "=$ 2# + I Y I = #" =W= I 0 D2= <$FDDF"1 /= 2F E% I D2F CF"E= N# 2 .1F 1 " .E=CCF $= /= 1. I % J"=$ 1%# %#$C M C%" $=/%#1FK2= "=&=#- N#= /F"C CF 2=11$= F# DFD= 2= EF$/ "F2 1="F 1- M D$%D%C /=C K#22=C .D CE%DF2=C- /=C 2 K=$1.C JF22 EF"=C =1 /=C N#F1$= F$1 E2=C- #" 2F"JFJ= DFCCFK2= I ="1 / <<.$="1 /= E=2# ' N# 2 F&F 1 E%#1# I = /= <F $= ="1=" /$= F#W =EE2.0 C FC1 N#=C /= C%" ="1%#$FJ= =1 M C=C OFK 1#.C /# <F#0 K%#$J F "1+ =$ I F " O%C= D2#C .1$F"J= ="E%$=S < " / F I %$1 $ F#D$QC /# DFD=- C 2= K$# 1 =" .1F 1 &="# #CN# M 2# - 2 =<<=1 /= 2F C.F"E= C%2="" =22= 1="#= "FJ#Q$= F#W # 2=$ =C- 2= EF$/ "F2 =CE2 "= E$F J"F 1 DFC / "&%N#=$ 2= C% +/ CF"1 C#<<$FJ= /= 2 F"E =" / 0 $=E1=#$ /= F "1+ #2D E= d 8# 2 I = C% 1 D=$ I C - 1$QC+CF "1+DQ$=- / CF 1+ 2 =" 2=C /.1%#$"F"1 FCC=X =<0 <$%"1. I ="1 /= 2=#$ &.$ 1FK2= C="C- N# 2 I = C% 1 D=$+

I ' ' ! ' ' ' 7 ' 7

I C (2= E 1=$ 2=C DF$%2=C D$%"%"E.=C DF$ 2= &."0
$FK2= ' I=$L- N# ' "%#C F .1.' ="2=&.' 2 L' F D=#
(2= %#$C DF$ 2F I %$1- M CF&% $ N#= 2=C E $E%"C1F"E=C
FE1#=22=C D$%#&="1 .& /= I I ="1 N#= 2=C N#F1$= F$1 0
E2=C C%"1 2= DF22F/ # I ' /= 2 J2 C= $% I F "= ' = " =C1
DFC- E%"1 "#F 1 2 %"E2= /= 2 = I D=$=#$- N#= = D$.0
1="/= N#= U;%1$= F "1=1.' /% &= 2=C FDD$%#&=$S I F C
N#=2 I F2 D%#$$F 1+ 2 $.C#21=$ D%#$ 2= CF "1+C QJ=
/= 2F D$% I =CC= <F 1= /= "= DFC FJ $ E%"1$=S E=C F$1 0
E2=Cg 5

' E%#D C]$- C 2 =]1 ="E%$= .1.' & &F"1- 2 F"E ="
/ $=E1=#$ CD $ 1#=2 /# EF$/ "F2 =CEO F#$F 1 <$. I '
/ "/ J"F1 %" =" FDD$="F"1 N# %" "= C= <F CF 1 DFC
CE$#D#2= /= C= C=$& $ /= 2 F#1%$ 1.' /= C%" "% I '
D%#$ $.E2F I =$ /=C E%"E=CC %"C E%"1$F $=C M 2F E%"0
CE ="E= /= 7 = 22- =1 N#=- /F"C 2= C= " /# E% I 1.'
=EE2.C FC1 N#=- 2 F&F 1 /.E2F$.' "= D%#&% $ Y1$=
/.E= I I ="1 C%22 E 1.=C /= 2F DF$1 / #" DFD= D=$0
C.E#1.' =1 EFD1 <' 2 " =]1 DFC .1.' I % "C D$%<%"/.0
I ="1 F<<2 J.' /# 2F"JFJ= 1="# F# D$ C%"" =$ /=
F&%"= DF$ 2=C / W+"=#< .&YN#=C $.#" C EO=X 2=
EF$/ "F2 =CEZ ' =#$ 2=11$=- D2#C / $=E1= I ="1 "CD 0
$.= DF$ 2 = I D=$=#$ N#= E=22= /= C%" J$F"/ F# I c0
" =$- E%"1="F 1 =" =<<=1 C%#C #"= <%$ I = D%2 =- I F C
M D= "= /.J# C.=- /=C I ="FE=C .&="1#=22=C /= $#D+

(#$=m $ D2#$= M 2FN#=22= 2= EF$/ "F2 =CEO " F&F 1 F I F C &%#2# E%"C="2 $ M <F $= 2# + I Y I = 2F I % "/$/ F22#C %"

d =22= .1F 1 2F J$F"/=#$ /# I F2- "= E$F J"F ="1 D% "1 /= / $= E=C D$.2F1C- N#=- C ' 2F $.D%"C= /= F F "1=1.' "= 2=#$ DF$&="F 1 D% "1- 2C C= &=$$F ="1 E%"0 1$F "1C DF$ E= C=#2 <F 1 =1 DF$ 2F <%$E= /=C EO%C=C / FE0 E%$/=$ I % I ="1F". I ="1 E=C / CD="C=C ' !%#C "= EO=$EO=$%"C DFC- F %#1F ="1+ 2C- M D."1$=$ 2=C I %1 <C /= 2F E%"/# 1= /= ; %1$= F "1=1.' /F"C 2= DF$1 ' N# =22= C= I K2= F&% $ D$ C M 2 .JF$/' /= 2 "C1 1#1 %"" EF"%" N#= /=C .&YN#=C I F C "%#C E$%L%"C D%#&% $ 2#' $=D$.0 C="1=$ F&=E 1%#1 2= $=CD=E1 N#= %#C /=&%"C M CF / 0 J" 1.' F#1F"1 N# M C=C I F2O=#$C N#=- N#=22=C N#= C% ="1 E=C $F C%"C- N#=2C N#= C% ="1 2=C I %1 <C /= D2F "1= N# =22= D# CC= F&% $ / F 22=#$C- N#=2N#= <%"/.=C N#= D# CC="1 Y1$= C=C $.D#J"F"E=C- N#=2N#= /#$= N#= D# CC= Y1$= CF C 1#F1 %"- 2 " =C1 DFC I % "C .& /="1 N#= /F"C 1%#1=C 2=C C#DD%C 1 %"C D%CC K2=C =22= "= CF#0 $F 1 D=$C C1=$ /F"C #"= $.C C1F"E= N#' /% 1 F&% $ #" 1=$ I =' d =C / W+"=#< .&YN#=C 1=$ I "F ="1 2=#$ I C0 C &= ="" F/ #$F"1 2= CF "1+DQ$= d /= "= DFC $=<#C=$ D2#C 2%"J1= I DC M 2 J2 C= /= $F"E= 2=C .&YN#=C N# =22= $.E2F I F 1- =1 /= "= DFC 2F $./# $= F "C ' M 2F ".E=CC 1.' C ' 1$ C1=- M 2 =W1$. I 1.' C ' <bEO=#C= /=

2 =' ' ! ' ' ' 7 ' 7

D%#$&% $' =22=+ I Y I =' M' CF' D$%D$=' E%"C=$&F1 %"' 5

D$QC' F&% $' %K1="#' /=' C%"' %"E2=' 2=' EF$/ "F2' =CE2 -'

/ FK%$/' C' $.EF2E 1$F"1-' =1' /=' 1F"1' / .&YN#=C' F#' /.K#1'

C' 1 I %$.C' /=C' I F" <=C1F1 %"C' F#CC' E%"<%$ I =C' M' C=C'

/=CC= "C-' E% I I ="1' 2 = I D=$=#$' "=' C=' C=$F 1+ 2' DFC' 1="#'

D%#$' FCC#$.' /#' C#EEQCg' 2' F&F 1-' D%#$' 2=' I =#W' D$.0

DF$=$-' /.D2%L.' / F 22=#$C' C%"' FE1 & 1.' OFK 1#=22=' F'

E%$$=CD%"/F"E=' /#' I % C' / F&$ 2')*))' "%#C' 2=' I %"1$='

I #21 D2 F"1' 2=C' "C1$#E1 %"C' M' C%"' I " C1$=' /=C' E#21=C-'

D$.&%LF"1' 1%#1=C' 2=C' .&="1#F2 1.C' D%CC K2=C-' $.J2F"1' 2# +'

I Y I =' #CN# F#W' I % "/$=C' /.1F 2C' I F1.$ =2C-' =1-' E% I I ='

/F"C' C=C' %D.$F1 %"C' /=' J#=$$=-' F11="/F"1' ="C# 1='

F&=E' #"=' < .&$=#C=' F"W .1.' 2=' $.C#21F1' /=' C=C' OFK 2=C'

E% I K "F C%"C' F' D$% I D1 1#/=' / =W.E#1 %"-' E=11='

N#F2 1.' N# 2' :#J=F 1' 1%# %#$C' C' ".E=CCF $=' F#' C#EEQC-'

"=' 2#' F&F 1' DFC' "%"' D2#C' <F 1' /.<F#1-' EF$-' CF' $.C%2#0

1 %"' M' D= "=' D$ C=' 2=' `' F&$ 2-' 2=C' ".J%E F1=#$C' F&F ="1-'

/QC' 2=' -' $=P#' 2=#$C' D%#&% $C' ="' $QJ2=' =1' 1%#1=C' 2=#$C'

"C1$#E1 D"C' =C' %#$".=C' C# &F"1=C' F&F ="1' .1.' = I 0

D2%L.=C' M' <F $=' $./ J=$' DF$' 2=' EF$/ "F2' =CEO' =1' DF$

' W1$F 1C' /%C' D%CC%J%C' /=' 2F' 2=11$=' /=C' / W+"= <' .&Y1 #EC' E 1%='

/F"C' 2=' $FDD%$1' /=' 2 F$EO=&YN#=' /=' %#$C' C#$' 2F' /.D#1F1 %"' ="&%L.='

M' F&% =' F#' I % C' /=' I F')*))-' $FDD%$1' <F 1' M' 2F' E%#J$.JF1 %#' J. .+'

$F2%' /#' E%"E 2=' "F1 %"F2' 2=' % F% 2' /=' 2F' I Y I =' F"".=' 6' I * H+ ' '

' $ ' /=' 2E' 2ZF$$F2-' D'

! ! ' ;2Z ' 7 ' ;4 ' ; !))\

2=C / W+"=#< EF$/ "F#W-' F$EO=&YN#=C =1' .&YN#=C -' 2=C 2=11$=C "% I K$=#C=C /%"1' "%#C &="%"C /=' DF$2=$ ' =')U' I F -' 2=C 1$% C /.D#1.C .1F ="1' ="' $%#2=' D%#$ 2 1F0 2 =' 2C F&F ="1' 2 %$/$=' /=' C=' $="/$=' F&=E' 2F' D2#C J$F"/=' / 2 J="E=' M #$ "-' D# C /=' 2M / $=E1= I ="1' M F&%"=-' %a' Z' 2=#$ .1F 1' $=E% I I F"/.' /=' C=' 1$%#&=$ -F#' D2#C 1F$/' 2=' ' I F ' =' %#$ /=' 2=#$ F$$ &.=' M F&%"=-' #"=' =C1F<=11=' DF$1 $F 1' D%#$ #$ "' F< "' / L' $="E%"1$=$ 2 =C1F<=11=' /=' 7F$ C '))j ="' C=$F 1' F "C ' D="0 /F"1' 1%#1' 2=' 1= I DC /=' 2=#$ C. %#$ M F&%"=-' /=' <FP%"' N#=' 2 %"' D]1' F&% $ /=' 2=#$C "%#&=22=C ="' N#F1$=' %#$C ' =C1F<=11=' DF$2F"1' 1%#C 2=C %#$C /=' 7F$ C D%$1=$F 1' .JF2= I ="1' M #$ "' 2=C 2=11$=C N#' 2=#$ C=$F ="1' F/$=C0 C.=C-' =1' /=' E=11=' & 22=' =22=C 2=#$ C=$F ="1' D%$1.=C #CN# M F&%"=' DF$ #"=' =C1F<=11=' DF$1 E#2 Q$=' 2C &%#0 2F ="1' 1$F"C I =11$=' N#=2N#=' EO%C=' DF$ 2=' 1.2.J$FDO=' /=' #$ "-' 2C D%#$$F ="1' F/$=CC=$ 2=#$C /.DYEO=C 1.2.0 J$FDO N#=C F# EO=</ .1F1+ I F %$ /# D$ "E=' %$JOQC=' =' D2#C J$F"/' C=E$=1' /=&F 1' Y1$=' JF$/.' C#$ E=11=' I CC %"' =1' D=$C%""=' F# I %"/=' "=' /=&F 1' ="' F&% $ E%""F CCF"E='

)' =11$=' /=' 2= I D=$=#$ F# E% I 1=' J%1' /=' 7$.F I ="=#-' I " C1$=' /=C E#21=C-' ,' =1' ' F&$ Z')* ' 6' ! ' ' J + $' " # ' O '1' GG -' D') ~' =1' 2 %

) ' ' ! ' ' ' 7 ' 7

2F' / CC%2#1 %"" #21.$ =#$=' /#' E%"E 2=' "F1 %"F2 ' =C1' M'
2 F /=' /=' 2F' 2# I Q$=' D$% =1.=' DF$' 2=C' /.DYEO=C' /='
' /=' OFK$%2' N# 2' < #1' /.C%$ I F C' E%"C /.$=$' #"='
C.$ =' / .D C%/=C' O C1%$ N#=C' /%"1' 2 FDDF$="1=' E%"<#0
C %"" .1F 1' $=C1.=' #CN# M' D$.C="1' M' D=#' D$QC' "=WD2 0
EFK2=

’ <

3 ’ 34’ ! ’ 72

1F2’ /% C.N#=C1$F1 %’’ FKC%2#=’ %a’ C=’ 1$%##&F 1’ $./# 1’ 2 =’ ; ’ F# I%I=’’1’ /=’ F$$ &.=’ /=C’ .&YN#=C’ M F&%’’=’ 6’ 2’ C=’ < J#$=’ N#=’ 2=’ E%’’E 2=’ F’ .1.’ E%’’&%N#.’ 2 %’’$’ 2=’ #J=$’$’ 2=C’ .&YN#=C’ 2=’ $FCC#$=’’1’ 6’ 7$=I Q$=’ F#/ =’’E=’ FEE%$/.=’ F#’ .&cN#EC’ 6’ =E%’’/=’ =’’1$=&#=’ D2#C’ <F I 2 Q$=+’ 6’ =’ DFD=’ C=’ DO ’’1’ 1$QC+D=#-’ =1’ DF$2=’ /=’ 2 = I D=$=#$’ F&=E’ F $EE2 %’’’ 6’ =D=’’/F’’1’ 2’ CE’ $=<#C=’ M $=E%##&$=$’ CF’ 2 K=$1.’ F d E%’’/ 1 %’’C’ N#’ 2#’ C%’’1’ ’’/ N#.=C’ E%I=’ ’’/ CD=’’CFK2=C’ DF$’ 2=m .&YN#=C’ 6’ =C’ .&YN#=C’ 1. I % J’’=’’1’ D=# / =CD% $/=’ $.#CC $’ /F’’C’ 2=#$’ I CC %’’’ 6’ 2=$&=’’1 % ’/=’ ’/=’ OFK$%2 6 2’ .1FK2 1’ /=C’ ’’1=22 J=’’E=C’ /F’’C’ $ ’’1.$ = I +’ /=’ 2F’ I F C%’’’ /# CF ’’1+DQ$=’ =1’ FEOQ1=’ C%’’’ I./=E ’’ 6’ EC’ E’’1$=&##E C’ F&=E’ 7=’ ’ ’ 6’ /=’ OFK$%2’ =C1’ / F& C’ N# 2’ <F#1’ C#$1%#1’ FJ $’ C#$’ 2F’ C=’’C K 2 1.’ /=’ 7=’ ; ’ 6’ F’’JFJ=’ N# 2’ 2#’ 2 =’’1’ 6’ =’ DFD=’ =’’’ =C1’ =W1$Y I = I =’’1’ 1$%##K2.’ 6’ ’ 1% I K=’ I F2F/=-’ =1’ /=& =’’1’ C% I K$=’ 6 ’ /=’ OFK$%2’ $=/%##K2=’ C=C’ ’’C C1F’’E=C’ 6’ E’ DFD=’ EQ/=-’ 2’ E%#C=’’1’ M $=E=&% $’ E% =’ / ’’# .E$ 1’ E% I 0 D%C.’ C%’’C’ C=C’ L= &-’ N#’ E%’’1 =’’1’ 2=C’ E%’’E=CC %’’C’ / FK%$/’ $=<#C.=C’ DF$’ 2#’ 6’ =’ 2=’’/= I F ’’’ /#’ /.DF$1’ /=C’ .&YN#=C’ -’ 2=’ DFD=’ <F 1’ &=’’ $’ ’ /=’ OFK$%2’ D%#$’ 2#’ / $=’ N# 2’ F’ D$.&F$ N#.’ .’ =’’’ FEE%$/F’’1’ 2=C’ F$1 E2=C’ = I D%$1.C’ DF$’ .&YN#E C-’ # 2’ C=’ $.1$FE1=-’ =1’ <=$F’ #’’’ .E2F1’ C’ 2 %’’’ =’’’ <F 1’ #CFJ=’ 6’ ’ ’’=’ /%$1’ D2#C-’ ’’=’ DF$2=’ D$=CN#=’ D2#C’ =1’ 1% I K=’ /F’’C’ #’’=’ E% I D2Q1=’ FKC%$D1 %’’’ 6’ =’ I./=E ’’’ /=’ 7 E’ ; ’ $=/%#1=’ D%#$’ 2#’ #’’=’ E$ C=’ / KLD%E% I 2$ E’ 6’ #/N#=C’ %#$C’ FD$QC’ ’ /=’ OFK$%2’ .E$ 1’ N#=’ 2 .1F1’ ’ ’=C1’ DFCC.$’ I F C’ 2=’ DFD=’ ’’=’ ’2 ;’ 1%# %#$C’ D2#C’ 1% I K=$’ / FEE%$/’ /=C’ F$1 E2=C’ D$ I 1 &=0 I =’’1’ E%’’&=’’#C’ 6’ I KF$$FC’ =W1$Y I =’ /=’ 2 = I D=$=#$’ M 2F’ &= 22=’ /=’ $%##&=$+’ 1#$=’ /# E%’’E 2=’ 6’ 2’ D$=’’/’ 2=’ DF$1’ /=’ 2 F %#$’’=$’ /=’ N#=2N#=C’ %#$C

I % I =’’1’ %a’ 2=C’ 1$% C’ .&YN#=C’ F$$ &F =’’1’ M F0 &%’’=-’ 2=’ B I F’)*))-’ 7 =’ ; ’ .1F 1-’ %’’’ C =’’’ C%#& =’’1-’ 1=’’# /=D# C’ N#F1$=’ I % C’ /F’’C’ #’’’ .1F1’ /=’ C.N#=C+

1$F2 %"' FKC%2#=' ! %"+C=#2= I ="1' 1%#C' C=C' 2 &$=C-' 1%#C' C=C' DFD =$C' 2#' F&F ="1' .1.' ="2=&.C-' "%"+C=#2= I ="1' 2' .1F 1' D$ &.' /=' D2# I =C' =1' / ="E$=' D%#$' C%"' #CFJ=' DF$1 E#2 =$-' I F C' C=C' D2#C' "1 I =C' =1' C=C' D2#C' "/ C0 D="CFK2=C' C=$& 1=#$C' F&F ="1' .1.' F$$FEO.C' / F#D$QC' /=' CF' D=$C%""=-' =1' 2F' D2#DF$1' ="<=$ I .C' /F"C' 2F' D$ C%"' / 1F1' /=' ."=C1$=22=' =11=' I =C#$=' / #"=' $ J#=#$' "%#V=' F&F 1' F11= "1-' %#1$=' 2=' D$.2F1' 3%$ F-' 2=' D$%D$=' E%"<=CC=#$' /#' DFD=' =1' #CN# M' #"' & =#W' &F2=1' /=' EKF I K$=' N#' 2#' C=$&F 1' /=' KF$K =$' #E#"=' "%#&=22=' D%2 1 N#=' N#=2E%"N#=' " .1F 1' &="#=' /#' /=O%$C' #CN# M' 7 =' ; -' C "%"' E=22=C' N#=-' / FD$QC' 2=C' "C1$#E1 %"C' $=0 P#=C' /=' 7F$ C-' 2=' D$.<=1' /=' %"1="%21=' F&F 1' .1.' DF$0 <% C' "& 1.' M' D%$1=$' M' CF' E%""F CCF"E=-' N#F"/' =22=C' F&F ="1' DF$#' /=' "F1#$=' M' =1=$' 2=' /.E%#$FJ= I ="1' /F"C' C%"' M I =' =1' M' 2=' /.1%#$"=$' /=' C=C' /.=C' /=' $.C C0 1F"E=

%#1' E=' N#' $=JF$/F 1' 2=C' F<<F $=C' /=' 2F' EF1O%2 E 1.' ="' J." .$F2' =1' C#$1%#1' E=22=C' /=' 2 J2 C=' /=' $F"E=' F&F 1' .1.' /.$%K.' M' CF' E%""F CCF"E=' F&=E' #"' C% "' DF$1 E#2 "+' < "' N#=' C%"' C%2= I ="1' I %$F2' <]1' D2#C' E% I D2=1-' %"' 2#' F&F 1' 2F CC.' J"%$=$' #CN# F#' C%$1' /=C' I = I K$=C' /#' CFE$.+E%22.J=' F#WN#=2C' 2' D%$1F 1' 2=' D2#C' / F<<=E1 %"' =C1' F "C' N# 2' FDD$ 1' C=#2= I ="1' /=' 2F' K%#=K=' /=' ' /=' F$$F' =1' /=' C=C' E%22QJ#=C' 2F' I %$1' M' 7F$ C' /=C

EF$/ "F#W $C "=' =1' CE%"2' '" /=& "=' N#=22=C' "N# .1#/=C' 2%#$<O="1F ="1' 2 b I =' /#' I F2O=#$=#W' D$ 0 C%"" ="$ $./# 1' M' #"=' DF$= 22=' C%2 1#/=' =C' I F#&F C' 1$F 1= I ="1C' D=$C%""=2C' F#N#=2C' 2' .1F 1' ="' K#11=' "=' 2#' F&F ="1' / F 22=#$C' "CD $.' F#E#"=' F J$=#$' ' &$F' / $=-' 2' "=' 2=C' $=CC="1F 1' D% "1'$ M' D= "=' C ="' D2F J"F 1+' 2-' E=' N#' C#D="F 1' <%$1' ' /=' OFK$%2' 2' ="' 1%#0 EOF 1' N#=2N#=C' I %1C-' E=' N#' 2#' F$$ &F 1' F= I ="1' E=' " .1F 1' "#22= I ="1' D%#$' C=' D%C=$ 2# + I Y I =' ="' & E1 I =-' E .1F 1' D%#$' C=' 2F I ="1=$' C#$' 2=C' =W1$. I 1.C' %a' .1F 1' $./# 1=' 2 J2 C=' /%"1' 2' .1F 1' 2=' EO=<' 8#F"/' 2=' D$.<=1' /E& %"1="%11=' 2#' F""%"PF' %<2 E =22= I E"1' 2 F$$ &.=' M F&%"=' /=C' 1$% C' .&YN#=C' /.D#1.C' DF$' 2=' E2=$J.' /=' $F"E=-' 7 =' -' /= I =#$.' EF2 I =-' I F C' & C K2= I ="1' D$.%EE#D.-' C I FJ "F' N#=' 2= I % I ="1' /=' 2 .D$=#&=' C%2="" =22=' .1F 1' F$$ &.' D%#$' 2#' m' ' 2F' D$= I Q$=' F#+

o' C' "' 1%1" ' &(%)' % 7&()' -"+#%(- % > (+D " ") +#&) 8 & + % ' % & + %11(+" % +' ! " " (+ 1) (" %' %)E & '") " - #("") ! ' % (' " - " 7% 2(" E& &(* ! " ' F' (&+27" "))(" -"+ ! "+ - 1) +9 6G 7%' 6: ' ;' I H + ' ' ; *' H ' 1' @3@

@' C' H %')(& ' " 1%1" 1(&## 1 9 ! & I "#% 7"' ' 7% -') ! " "+ ! "+ 1& ((%") " (! % - +. & -(%")9 +"7E%) *% " % +& ' +& ' - *%) -" J"() ' H" ' %') 7& ' ' " - +(=1' "+K 1&(! % %"))& + "+ '" + #%(+ ! ')"(7 "(%) E")) "L 7% > -" ' +"' ' 7 % -) ! ' " +& % %)9 (& ( )' ! " +% # L

2+ ' h 4 ' ! ' ' ' 4 4' 7

E2 E"E=-' FEE%$/.=' 2=') ' IF' M E=C' I=CC =#$C-' 2' 2=#$'
2F CCF' E2F $=I="1' FD=$E=&% $' N# 2' D<21 CF 1' N# 2' C FJ C0
CF 1' /=' 2=' #J=$' %#' /=' 2#' DF$2=$' /#' #J=I="1' N#=' 2=C'
.&YN#=C' $.#" C' M 7F$ C' D%$1E$F ="25K ="2c1' C#$' CF' E%"0
/# 1=' =1' C#$' CF' D=$C%""=' R' =22=' .1F 1' K ="' F#' <%"/'
2 /.=' N#=-' D%#$' ="' F&% $' D2#C' F C. I="1' $F C%"-' 2=I0
D=$=#$' F&F 1' /.C $.' <F $=' "FZ1$=' /F"C' 2=CD$ 1' /=' C%"'
D$ C%"" ='$ $ IF C' 2=C' .&YN#=C' " F&F ="1' DFC' 2F CC.' 2='
CF "1+DQ$=' =WD$ I=$' #"=' DF$=22=' E$F "1=' CF"C' 2F' $=0
D%#CC=$' F&=E' <%$E=' D$%1=C1F1 %"C' /=' $=CD=E1' CC#$.'
N# #"' C' F<<$=#W' CEF"/F2=' C=$F 1' .&1.' M 2 J2 C=-'
7 =' 22' F&F 1' K ="1c1' $=D$ C' CF' C.$." 1.' OFK 1#=22=' 2'
.E%#2F' 2=C' .&YN#=C' F&=E' K%"1.-' =1' 2=#$' DF$2F' /=' 2=I0
D=$=#$' F&=E' F<<=E1 %"' m' 3#$F"1' EE1 E' D$=I Q$=' E%"0
<.$="E=' / #"=' O=#$=' =< /=I =' ="1$=' 2=' CF "1+DQ$=' =1

+#" #' " *) 1+ J"++ " -"#' ! " ' ' # %7%) 'C ;' ")(" -" ' -" E%J(&' ' ' " 7 +)(" -"+#)"+9 6= 7%' 6:66
6' C " 1%1" % 1%(' #(&("' ' +)%) ! " & + " & + "' ! "K ! " +&()" 1& (" I '"(&' 1& (' 1%("(- ' I '"7") ! " "+
! "+ (7+' %(+1&()"(%") -" +%#& -)" ") -" +%1"(+& " & +%& + & ' ' #"))" - " % "# *&(#" ("+1"#)+' F ;' ("72("
"))(" -"+ ! "+ - 1) +%' 7 +)(" -"+#)"+9 6= 7%' 6:66 ;'
I H+ ' '5 ' %$ ' 1' @=G
@' C ' ' ("+)"9 1" -%))&)" %#& * (" #"9 " 1%1" & +%1%('
% "# 7&- (%)&' ") -" "71"(" (% "# %**"#) & ' F ;' ("72("
"))(" -"+)(&+ ! "+ - 1) +9 6= 7%') '6 I H+ ' '5 ' D
%$ 1' @

2=C .&YN#=C- N# ' " .2F ="1 M CEC L=#W N#= /=C /.D# .C /# E2=$J.' /= $F"E= E2 "#22= I ="1 ="E%$= /=C ="&%L.C /# EO=< /= 2 = I D $=- %"" EF#CF /= 1%#1=C 2=C F $=C /= $ J2 CE- I F C- E% I I = 2 .1F 1 "F1#$=2- #"" D=# M Kb1%"C $% I D#C ' #$ 2 F""%"E= /= 2F 1="#= / #"" E%"E 2= N# ' F22F 1 C %#&$ $ M 7F$ C- 7 = ; 4 <2 K$ Q&= I ="1 $= I F$N#=$ N#= C%"" E%"E%#$C L .1F 1 " .E=CCF $= ' F / C1 "E1 %"" .1FK2 = DF$ C=C "1=$2%E#1=#$C ="1$= 2=C E%"E 2=C "F0 1 %"F#W =1 2=C E%"E 2=C nE# I ." N#=C 2= EF2 I F CF"C D= "= ' 2 2F CCF ".F" I % "C ="1$=&% $ N# #"" E%"E 2= "F1 %"F2 "= D%#$$F 1 DFC EOF"J=$ 2F / CE D2 "= J "E $F2= /= 2 J2 C= C% 1 D%#$ 2 "C1 1#1 %"" /=C .&YN#=C- C% 1 D%#$ 1%#C F#1$=C D% "1C I D%$1F"1C = DFD= C .1F 1 ="C# 1= $=1$F"EO.- C# &F"1 2= $FDD%$1 /= 2 F$0 EO=&YN#= /= %#$C F# I " C1$= /=C E#21=C- /F"C 2 I D%CC K 2 1.' %a 2 .1F 1 /= /%""=$ /=C K#22=C =1 /= D$="/$= #"" DF$1 ' N#=2E%"N#= d CF"C F&% $ C=C E%"0 C= 22=$C "F1#$=2C- C=C 1O.%2%J ="C- " ' 2=C I %L="C /= $=E=&% $ 2=C "<%$ I F1 %"C E%"&="FK2=C C#$ 2 FD1 1#/= /=C C# =1C- D$ &.' I Y I = N# 2 .1F 1 /= C%"" E%"<=CC=#$ N# %"" F $=<#C.' /= <F $= $=&=" $- /= 2 &$=C- /= D2# I =C =1 /= DFD =$ I F C F# I 2 =# /= C=C D2F "1=C 2 " F

6 ("72(" "))(" -"+)(&+M) "+ - 1) +$ 6= 7%' : ' ;' I H*
' 5 ' %$ 9 ' 1 $$

) ' ' ! ' ' ' 7 ' 7

DFC "C C1.-' E%"2 " #' (2=' F$$F -' C#$' 2F' ".E=CC 1.' /=' C%"' $=1%#$' M' % I =' 5

"' D$.C="E=' /=' E=C' / CD%C 1 %"C' /#' CF "1+DQ$=-' 2=C' 1$% C' .&YN#=C' /.D#1.C' " F&F ="1' D R' #J.' %DD%$1#"' /=' 2#' DF$2=$' /=' 2F' E%"/ 1 %"' I C=' DF$' 2 = I D=$=#$' M' CF' 2 K=$1.-' M' CF&% $-' N# 'Z <=$F 1' 2F' D$% I =CC=' <%$ I =22=' /=' m "=' $ ="' ="1$=D$=" /$=' E%"1$=' 2F' /.E2F$F1 %"' /=') * 4 =11=' $.C=$&=' 2=#$' F&F 1' DF$#' / F#1F"1' D2#C+".E=C0 CF $=-' / 1' 1%# %#$C' ' /=' F$$F ' -' N# ="' D$="F"1' 2=E0 1#$=' /=' 2F' 2=11$=' /#' EF$/ "FZ' =CE2 -' N# 2C' &="F ="1' /=' 2#' $= I =11$=-' 7 =' ' F22F 1' K ="1c1' E%""FZ1$=' M' N#=Z' D$ W' Z' D%#&F 1' %K1=" $' 2F' < "' /=' CF' EFD1 & 1.' "' 2 ."%"PF"1-' "%#C' F#$ %"C' E$F "1-' F %#1F 1' ' /=' F$0 $F -' /=' D=$/$=' #"=' DF$1 =' /=' 2F' K ="&= 22F"E=' N# 'Z I D%$1F 1' / "CD $=$' F#' CF "1+DQ$=' ' Z' C=$F' 1= I DC' / ="' &=" $' 2M' M' 2F' D$%EOF "=' F#/ ="E=-' N#F"/' "%#C' 2 L' 1$%#&=$%"C' I =#W' D$.DF$.' 5 F' C=E%"/=' F#/ ="E=-' D=" /F"1' 2FN#=22=' 2=C' 1$% C' .&YN#=C-' .& /= I I ="1' = I 0 KF$$FCC.C' /=' 2=#$' $c2=-' =CD.$F ="1' 1$%#&=$' #"' D=#' D2#C' /=' E%#$FJ=' D%#$' C=' /.EOF$J=$' /=' 2=#$' /.CFJ$.FK2=' E% I I CC %"-' <#1' $= I C=' DF$' 2=' CF "1+DQ$=' F#' C#$2=" /=0 I F "-' d' EF$' Z' F&F 1' K=C% "-' / CF 1+ 2-' /=' N#=2N#=

6' ("72(" "))(" -"+)(&+ ! "+ %' 7 +)(" -"+ #)"+9 6= 7%' 6:66

1= I DC' D%#$' 2 $=' 2=C' / W+C=D1' %#' / W+2 w 1' 2=11$=C' /=C' EF$/ "F#W' =1' .&YN#=C' N#' &="F ="1' / Y $=' /.D%C.=C' C#$' CF' 1FK2=' 5

=C' I % I ="1C' /5' $.D 1' $.E2F I .C' DF$' 7 =' ' "=' <#$="1' D% "1' 1%#1=<% C' D=$/#C' DF$' 2=' D$.<=1' /=' %"2=+' "%11='))' ="' D$%< 1F' D%#$' &=" $' ="' F /=' F#W' .&YN#=C' /.D#1.C' ="' %$JF" CF"1' F#1%#$' /=' 2F' D=$C%""=' /#' DFD=' #"' C=$& E=' / #"' J="$=' DF$1 E#2 =$-' C#$' 2 =<2 EFE 1.' /#0 N#=2' 2' E% I D1F 1' K=F#E%#D' D2#C' N#=' C#$' 2F' D# CCF"E=' / F$J# I ="1F1 %"' /=C' D$.2F1C' 3 FD$QC' 2=C' D$.& C %"C /=' ' /=' OFK$%2-' 2=C' $F C%""= I ="1C' /=' 1%#1=' C%$1=-' N#=22=' N# ="' <]1' 2F' &F2=#$-' " F#$F ="1' DFC' EOF"E=' /=' D$%/# $=' J$F"/' =<<=1' C#$' 2 =CD$ 1' /#' CF "1+DQ$=' ' 2' &F0 2F 1' I =#W' 2bEO=$' / . I %#&% $' C%"' En#$-' <F $=' FDD=2' M' CF' C="C K 2 1.' =1' FJ $' C#$' C=C' "=$<C' F C' 2F CC%"C' C#$' E=' C# =1' 2F' DF$%2=' M' ' /=' OFK$%2-' EF$' /=' C= I 0 K2FK2=C' "E /="1C' /% &="1' Y1$=' D$ C' C#$' 2=' & <-' D%#$' F "C' / $=-' =1' 2 %"' E$F " /$F 1-' ="' C= I K2FK2=' I F1 Q$=-

)' K' `' 2 F$EO=&YN#=' /=' %#$C' $=" /' M' ; % $=' WE=22="E=' #"' E% "' 1=' /.1F 22.' /=' CF' D$= I Q$=' ="1$=&#=' F&=E' 2=' DFD=' ! %#C' F&%"C' D="C.' / #"' E% I I #"' FEE%$/' N# 2' <F22F 1' DF$1 E#2 Q$= I ="1' F11="/$ $' 2=' DFD=' =1' . I %#&% $' C%"' En#$' /F"C' 2F' C 1#F1 %"' %a' 2' C =C1' D2FE.')) C= I 2/=' D$Y1' M' $=D%#CC=$' 1%#1=' / CE#CC %"' =1' 1%#1' $F C%""= I ="1-' I F C' 2' C= I K2=' FEE=CC K2=' M' 2F' C="C K 2 1.' 5 (=11$=' /=' ' /=' KFK$%2' F# I " C1$=' /=C' E"21=C-' ' I F' C 2

6L@: 2 <

/= DF$FZ2$= F %#1=$ N#% N#= E= C% 1 M /=C /.1F 2C C 1$ C1=C DF$ =#W+ I Y I =C

d : F =# $ %""=#$- .+E$ &F 1 2= D$.<=1 /= %"1=+ "%11= M J%1- / F""%"E=$ M %2$= WE=22="E= N#= 2= DFD= C= I K2F 1 C Y1$= $.C=$&. 2F %#$".= / O =$ D%#$ $.<2.EO $ C#$ 2=C 2=11$=C N# 2# %"1 .1. $= I C=C = %#$ F .1. = I D2%L. M K =" .1FK2 $ "%C $=2F1 %"C /F"C 2 "1.$ =#$ /# DF2F C- /= I F" Q$= M E%""FZ1$= E= N#= 2= DFD= D%#$$F 2F CC=$ .EOFDD=$ /F"C 2F E%"&=$CF1 %" <F I 2 Q$=- =1 M D%#&% $ 2# <F $= E%""FZ1$= F# K=C% " / #"= I F" Q$= / $=E1=- N#% N#= "%" %<< E =22=- E= N# 2 =C1 E%"&="FK2= N# 2 FDD$=""= D%#$ <FE 2 1=$ 2F ".J%0 E F1 %" R 5

8#=2C .1F ="1 /%"E E=C I %L="C C=E$=1C /= C#$&= 2+ 2F"E= =1 / FE1 %" C I D%$1F"1C M .1FK2 $- =1 C#$ 2=C0 N#=2C 2= D$.<=1 /= %"2="%22= <%"/F 1 /= C J$F"/=C =CD.$F"E=Cg F#1+ 2 2= / $=g = I ./=E " /# DFD= F&F 1 .1. JFJ". C%#C I F " M 2F EF#C= /= E=2# N# 1=0 "F 1 C%" I FZ1$= = I D$ C%"". 7=#1+Y1$= E=C O%"1=#W I F$EO.C "= C%"1+ 2C DFC F#CC F=C /F"C 2 O C1% $= N#= "%#C 2= C%#OF 1=$ %"C = N# =C1 &$F I ="1 =W0 1$F%$/ "F $=- E$%L%"C+"%#C- E =C1 /= &% $ #" EO=< / 2F1 C FKF C C=$ #CN# M L "1=$&=" $ / $=E1= I ="1S

6 #$)(&%& ?" 9 (&% 7 + (" "+#)"+9 6= 7% 6:66

I F C' $F< <F $=' .1F 1' / I D%$1F"E=-' =1' /=' DF$= 2C' CE$#0 D#2=C' " .1F ="1' DFC' D%#$' F$$Y1=$' 2 = I D=$=#$ ' "C ' N#=' "%#C' 2 F&%"C' D$.E./= I I ="1' $FE%"1.-' E .1F 1 /. M' ! FD%2.%"' N# -' 2=' h ' /.E= I K$=')*) -' F&F 1' .E$ 1' /=' CF' D$%D$=' I F "' F#' I " C1$=' /=C' E#21=C-' ' J%1' /=' 7$.F"F="=#-' D%#$' 2# ' / $=' N# 2' <F22F 1' N#=' 2=' DFD=' C%#<<$Z1' ="' CF' D=$C%""=' /#' $=CC="1 I ="1' N# 2' F&F 1' /=' CF' E%"/# 1=-' N# %"' =]1' M' 2# ' c1=$' C=C' &% 1#$=C' =1' M' $./# $=' E%"C /.$FK2= I ="1' 2 .1F1' /=' CF' I F C%"-' /=' <FP%"' M' " L' DFC' /.D="C=$' D2#C' /=') M')-` ' <$F"=C' DF$' I % C ' =C' EO%C=C' F&F ="1' ="' =<<=1' .1.' $.J2.=C' /=' 1=22=' C%$1=' N# M' DF$1 $' /#' I % C' /=' F"& =$' )*))' #"=' C% I I =' / F$J="1' EF2E#2.=' M' ` ' C%#C' DF$' %#$' =1' DF$' 1Y1=' (2=' DFD=' E% I D$ C ' F&F 1' .1.' F22%#.=' D%#$' 2 ="1$=1 ="' /=' 1%#1=' 2F' I F C%"' D%"1 < EF2=' R-

=D="/F"1' 2=C' K%"C' %<< E=C' /=' E=' I./=E "' /#' DFD=' I .$ 1F ="1' #"=' F#1$=' $. I #".$F1 %"-' =1' ! FD%2.%"' 2=C' FDD$.E F 1' 1$%D' D%#$' N# %"' D# CC=' 2# ' $=D$%EO=$' /=' 2=C' F&% $' %#K2 .C ' d F"/=X' F#' I./=E "' 7%$1F' N#=' ; 4 ' F&=X' I C' CF' 2=11$=' C%#C' 2=C' L=#W' /=' 2 = I D=$=#$-

' d ' #' C%CD=CF' 2F' 1F&%2F' DFJF1F' 4"' F22%$F' /F2' J%&=$%%' C="XF' F2E#"' 2 I 1=-' =' / %$' "F"X ' F/' %J#' #/ & /#%-' E% I D$=C=' 2' DFDF-' <#0 $%"%' FCC J"F1S' E "N#=' DF%2 ' F2' J %$"%-' E%"' 2' N#F2' /F"F$%' C ' /%&=&F' D="CF$=' F/' %J" ' C%$1F' / CD=C= ' 5 (F"#CE$ 1' 1F2 ="' /#' &F2=1' /=' EOF I K$=' /#' DFD=-' & ' 5 ' $ #$ + ' B' *- *B' '

; '

(' ' ! ' ' ' 7 ' 7

.E$ 1+[' M' C%"' I " C1$=' /=C' E#21=C$' / 1=C+2#' N#=' F'
F =C1.' F' I C' ="' I F$J=' +/=' CF' 2=11$=' / I C1=$/F I'
N#=-' N#=2N#=C' / CE#CC %"C' N# 2' L' F 1' =#' ="1$=' 2='
DFD=' =1' F' F =C1.-' =1' N#% N# =22=C' F ="1' .1.' D2#C'
%#' I % "C' & &=C-' F' F =C1.' E%"C / .$=$F' 1%# %#$C' 2=C'
C=$& E=C' D=$C%""=2C' $="/#C' F#' DFD=' E% I I =' C 2C'
F&F ="1' .1.' $="/#C' M' =22=+ I Y I =S' 2=' I ./=E "' 7%$1F'
" F' N# M' <F $=' E%""FZ1$=' E=' N# 2' / .C $=-' =1' C%"' 1$F 0
1= I ="1' 2#' C=$F' DFL.' E% I I =' F#' 1= I DC' % ' 2=' DFD='
.1F 1' M' % I %S' ="' E%"C.N#="E=' 2' 2#' =C1' F22%#.' #"'
1$F 1= I ="1' /=') - ' <$F"EC' /=D# C' 2=' I % I ="1' %a' 2'
F' N# 11.' % I =-' 2=N#=2' 1$F 1= I ="1' 2#' C=$F' E%"1 "#.'
1F"1' N# 2' /= I =#$=$F' F&=E' 2=' DFD=S' F %#1=X' N#=' &%#C'
F22=X' 2#' ="&%L=$'#"='%$/%""F"E=' /=' DFL= I ="1-'=1' N# 2'
&%#C' <FCC=' E%""FZ1$=' /=D# C' N#F"/' 2' F' E=CC.' / Y1$='
DFL.' N' 5

3 FD$QC' 2='1. I % J"FJ=' /#' D$.<=1' /=' %"1="%11=-' 2'
"=' C= I K2=' DFC' N# 2' L' F 1' $ ="' =#' /=' 1$%D' =WFJ.$.'
/F"C' E=11=' I #" < E="E=' "1.$=CC.=' /=' 2 = I D=$=#$

d =' I ./=E "' /#' DFD=-' 2=' /%E1=#$' 7%$1F-' "%#C'
C=$1' M' I =$&= 22=-' D%#$C# 1' ' /=' OFK$%2' /F"C' CF

' =11$=' /=' 2 = I D=$=#$' F#' mE% I 1% J%1' /=' 7$.F I ="=#-' =$=2-'
FR'<2 &= I K$=')*))' 6' ! ' ' (+ $ '" # ' B '
' GG -' D-' `) -

2=4$=' /#') ' I F ' N#=' "%#C' E%"1 "#%"C' /=' E 1=$' M' D=#' D$QC' "1.J$F2= I ="1 ' 2' F' #"=' E%"< F"E=' "< " =' /F"C' 2=' E% I I F"/F"1' /#' DF2F C' N#'=C1' #"' O% I I =' /=' I .0 $ 1=' : F ' FK%#EO.' E=' /=$" =$' F&=E' 2F' /.D#1F1 %"-' N#' ='" F' .1.' CF1 C<F 1=' %#1' &F' / #"' FEE%$/' DF$<F 1-' =1' /=' I F" Q$=' M' /%""=$' M' F' $F C%"' =1' M' 2F' K%""=' EF#C=' 1%#1=' CF' <%$E=' =1' 1%#1=' C%"' ."=$J = ' =C' E% I I #" EF0 1 %"C' %<< E =22=C' D=#&="1' F "C ' Y1$=' F /.=C' /=C' "C "#F0 1 %"C' E%"&="FK2=C ' =C1' DF$' E=C' O=#$=#C=C' / CD%C 0 1 %"C' N#=' "%#C' F&%"C' C#' O =$' I F1 "' N#=' 2=' DFD=' "=' $=D%#CCF 1' DFC' 2=C' %#&=$1#$=C' N#' 2#' .1F ="1' <F 1=C-' N# 2' L' D="CF 1' C.$ =#C= I ="1-' I F C' N# 2' .2=&F 1' 2F' / << E#21.' /=' "=' D%#&% $' E./=$' O%"%$FK2= I ="1' CF"C' %# $' D$.F2FK2= I ="1' /=' CF' 2 K=$1.-' =1' CF"C' F&% $' #"' E%"C= 2' FCC=X' <%$1' /F"C' 2 %D " %"' D%#$' N# %"' 2=' E$]1' EFDFK2=' / F&% $' &F "E#' CF' $.C C1F"E=-' =1' FCC=X' "<2#="1' {D%#$ #C1 < =$' C%"' F/O.C %" ' 7 =' ' "=' &%#/$F 1' DFC' F&% $' #" N#= I ="1' 2=' EF$/ "F2' D "F' D%#$' C%"' E%"C= 2-' F< '" /=' "=' DFC' 2 =WD%C=$' M' D%$1=$' C=#2' 2F' $=CD%"CFK 2 1.-' /F"C' 2=' EFC' %a' CF' /.1=$ I "F1 %"' /.< " 1 &=' "=' $="E%"0 1$=$F 1' DFC' 2 FCC="1 I ="1' J." .$F2' ! %#C' F&%"C' <F 1

) ' =' E% I I F"/F"1' /=' J="/F$ I =$ =' F' %$C=-' N# ' <#1' EOF$J.' = ')*) ' /=' E%"/# $=' =1' /=' JF$/=$' 2=' DFD=' M' %"1F "=K2=F#-' =1' /%"1' "%#C-' F"$%"C' M' E 1=$' D2#C' 1F$/' /=C' 2=11$=C' .JF2= I ="1' E#$ =%C=C

) ' ' ! ' ' ' 7 ' 7

E=11=' E% I I #" EF1 %"' M' ' 2=C' .&YN#=C-' =1' "%#C' F&%"C' /.2 K.$.' N#=' "%#C' = I D2% =$ %"C' 1%#1=C' 2=C' I =0 C#$=C' E%"&="FK2=C' D%#$' D=$C#F/=$' F#' DFD=' 2 "#1 2 1.' / %K1=" $' #"' E%"C= 2' D%#$' C=' /.E /=$' 8#=22=' "<2#="E=' D2#C' $=CD=E1FK2=' D=#1+ 2' $=E%"" FZ1$=' N#=' E=22=' /=C' 1$% C' .&YN#=C' ="&%L.C-' F&=E' 2 F#1%$ CF1 %"' /#' C%#&=0 $F "-' DF$' 1%#1=' 2 J2 C=' N#' F11=" /' ="' J. I CCF"1' 2F' <"' /=' E=C' N#=$=22=C-' /=' 1$% C' .&YN#=C' FLF"1' 2F' E%"< F"E=' J."$F2=-' N#' %"1' /. M' C%#<<=$1' D%#$' 2 J2 C=-' =1' FD0 D#L.' C=C' /$% 1C' /F"C' 2=C' 1= I DC' 2=C' D2#C' / << E 2=C' =1' 2=C' D2#C' %$FJ=#Wg' =C' E%"C /.$F1 %"C' %"1' .1.' C%# I C=C' F#' DFD=' @ ' 5

=C' $="C= J"= I ="1C' %K1="#C' DF$' ' /=' OFK$%2' .1F ="1' M' D=#' D$QC' =WFE1C-' CF#<' N#=' 2=' I./=E "' 7%$1F-' C# &F"1' 2 #CFJ=' /=C' D=$C%""=C' N#' FEE=D1="1' 2F' 2bEO=' /%"1' 2' C .1F 1' EOF$J.-' F&F 1-' D%#$' C=' <F $=' &F0 2% $-' $=D$.C="1.' 2=C' EO%C=C' E% I I =' K=F#E%#D' D2#C' F&F"E.=C' N# =22=C' "=' 2 .1F ="1' ="' $.F2 1.-' =1' N#=' 2=C' / CD%C 1 %"C' /#' CF "1mDQ$=-' N#% N#=' E%"E 2 F"1=C-' .1F ="1' 2% "' / Y1$=' F#CC' <F&%$FK2=C' =C' .&YN#=C' C ="' FD=$P#$="1' M' 2=#$' C=E%"/=' F#/ ="E=' FEE#= 2' N# 2C' $=P#$="1' <#1' E% I I =' 2F' D$= I Q$=' <% C' 1$QC+K ="&= 2+' F"1S' 2' L' F&F 1' I Y I =' #"=' "#F"E=' /= E%$/ F2 1.' /F"C

) ' =11$=' /=' ' /=' OFO$%2' F"' I " C1$=' /=C' E#21=C-' 1C' I F')*))+

2F' $.E=D1 %'" <F 1=' DF$' 7 =' ; ' M' C%'" E% I DF1$ %1=' 1F2 ='" 2=' DF1$ F$EO=' /=' ; =" C=-' N#' .1F 1' F$$ &.' 2F' &= 22=' M' F&%"=' =' DFD=' F&F 1' 2# E=21=' <% C' 2F' 2=11$=' /# EF$/ 0 "FZ' =CEO' =' D$= I =$' Z' C=' I 1' M' DF$2=$' /=C' E%" / 1 %"C' N#=' 2 %"E2=' /=' 2 = I D=$=#$' " / N#F 1' E% I I =' .1F"1' 2=C' D$.2 I "F $=C' " / CD="CFK2=C' /=' 2F' DFE < EF1 %"-' d =< 1%#1' /=' C# 1=' Z' 1. I % J"F' 2F' D2#C' & &=' =1' 2F' D2#C' E%"0 C1F"1=' $.D#J"F"E=' M' 2=C' F/ I =11$=' 1F"1' N# Z' $=C2%$F Z' D$ &.' /=' C=C' E%"C= 22=$C' "F1#$=2C' ' M+/=CC#C-' F&=E' N#=2N#=C' /.1%#$C' /.' I %/=C1 =' (E=' C%"1' 2=#$C' D$%D$=C' =WD$=CC %"C -' 2=C' 1$% C' .&YN#=C' C=' D$%D%CQ$="1' D%#$' 2=C' $= I D2FE=$' N#F"1' M' D$.C="1-' 1F"1' M' $F C%"' /=' 2=#$' N#F0 2 1.' / .&YN#=C' N#=' DF$' C# 1=' /=' 2=#$' F11FEO= I ="1' F#' CF "1+C QJ=' =1' M' 2F' D=$C%"'"=' /# DFD=' m

8#% N#=' E=11=' / . I F$EO=' =]1' .1.' E%"&="#=' / F&F"E=' F&=E' 2 OFK 2=' D$.<=1' /=' %"2="%11=-' Z' =C1' ="' &.$ 1.' / <0 < E 2=' /=' C =WD2 N#=$' E% I I ="1' E=C' I =CC =#$C' %CF ="1' 2F' 1="1=$' &F ="1+ 2C' /%"E' %#K2 .' N# 2C' F&F ="1' $=P#-' K ="' N# 2C' "=' 2=C' F&%#FCC="1' DFC' ="E%$=-' /=C' D2= "C' D%#&% $C' D%#$' ".J%E =$' E%"1$F/ E1% $= I ="1' F&=E' 2=' DFD=g' !=' C=' $FDD=2F ="1+ 2C' D2#C' N#=' 2=#$C' "C2$#E+

) ' =E%"/=' 2=11$=' /=C' .&YN#=C' /.D#1.C' F#' I " C1$=' /=C' E#21=C5' F&%"=-') ' I F')*)) ' 6' I H + ' ' 5 ' %$ ' /=' ' /=' F$0 $F -' D' *

' 3

) ,' ' ! ' ' ' 7 ' 7

2 %"C' C ' <%$ I =22=C' M' E=1' .JF$/' 2=#$' D$=CE$ &F ="1' /=' " FEE=D1=$' N .' /=C' E%"/ 1 %"C' /. M' $$.&%EFK2= I ="1' F$$Y1.=C'g' 3=' I . I % $=' /=' / D2% I F1=-' N#=2' F I KFCCF0 /=#$' 2FVN#=' /%#.' C=#2= I ="1' /=' 2F' D2#C' C I D2=' O%"0 "Y1=1.' F&F 1' F I F C' C%"J.' M' E=11=' K XF$$=' E% I K "F 0 C%"' /=' C %<<$ $' 2# + I Y I =' D%#$' /%" "="=$' C=C' F& C' M' 2F' D# CCF"E=' F&=E' 2FN#=22=' 2' F&F 1' I CC %"' /=' 1$F 1=$g' "' DF$= 22=' %EE#$$="E=-' 2=' I % "C' F& C.' " =]1+ 2' DFC' / FK%$/' C="1' N#=' 2F' <%$E=' /=C' EO%C=C' "=' D%#&F 1' I F"N#=$' /=' 2=' E%"/# $=' ".& 1FK2= I ="1' M' 1$FO $' 2F' E%"< F"E=' /=' 2 #"=' %#' 2 F#1$=' /=C' DF$1 =Cg' % I I ="1' /=C' D$.2F1C' / C1 "J#.C' D%#&F ="1+ 2C' /%"E' C I FJ "=$-' "=' <a1+E.' N#=' D%#$' #"' "C1F"1-' N# 2' 2=#$' C=$F 1' /%"".' /=' C=' 1 $=$' O%"%$FK2= I ="1' / #"=' C 1#F1 %"' F#CC' <F#CC=-' =1' /=' I ="=$' /=' <$%"1' CF"C' <F K2 $-' E =C1+M+/ $=' CF"C' D$.&F$ N#=$-' 2 FEE% I D2 CC= I ="1' /=' /=#W' $c2=C' F#CC' "E%"E 2 FK2=Cg' 7F$= 22=' FK=$$F1 %"' C=$F 1' D%#$' "%#C' "E% I D$.O="C K2=-' C' /. M' 1$%D' C%#&="1-' F#' E%#$C' /=' E=11=' O C1% $=-' "%#C' " F& %"C' =#' 2 %EEFC %"' / %K0 C=$&=$' E% I K ="' & 1=' C %K2 1Q$="1' 2=C' D2#C' E2F $=C' "%0 1 %"C' /=' 2 =CD$ 1' =1' /=' 2F' E%"CE ="E=' /F"C' E=C' N#=C0 1 %"C' =' "F1#$=' I W1=' %a' C%"1' C' <F1F2= I ="1' =1' C' "=W1$ EFK2= I ="1' I Y2.=C' 2=C' F<<F $=C' /=' 2F' $=2 J %"' =1' E=22=C' /=' 2 1F1

8#%' N# 2' ="' C% 1-' 2F' $=/%#1FK2=' .D$=#&=' F#+/=&F"1

(2= 2FN#=22= 2C I F$EOF ="1 F&=E 1F"1 /= E%"< F"E= <#1 .DF$J" .= F#W .&YN#=C- EF$ 2= DFD= 2=C .E%"0 /# C 1 D%2 I ="1 =" 2=#$ <F CF"1 C="1 $ N# 2 "= 2=C E%"C / .$F 1 DFC E% I I = C#<< CF I I ="1 / .C "1.$=CC.C+ ; ="F"1 F#W I F1 Q$=C N# .1F ="1 =" / CE#CC %"- 7 = ; =WD2 N#F "=11= I ="1 M E=C I =CC =#$C N# 2 " F&F 1 F I F C $ =" <F 1- =1 N# 2 " F&F 1 DFC 2 "0 1="1 %" /= $ =" <F $= /= E%"1$F $= M 2F / .E2F$F1 %" /=) * - =1 N# 2 .1F 1 / CD%C. M 2F CC=$ 2=C EO%C=C =" P %$ I F C N#F"1 M C ="JFJ=$ C%2="" =22= I ="1- E =C1+M+/ $= DF$ .E$ 1- 2 "= <F22F 1 DFC 2= 2# / = I F"0 /=$ 2= DFD= 2=WF" /$= ; FLF"1 D=# /= 1= I DC F&F"1 /= I %#$ $ E%" /F I " . =1 EFCC. 2F / .E2F$F1 %"- 2 "= 2# .1F 1 DFC D%CC K2= /= $.1$%J$F/=$ %#&=$1= I ="1 } 2F CC=$ /= Ec1. C%" %D " %" D=$C%" "=22=- /%"1 2 "= DF$2F 1 DFC D%#$ 2= I % I ="1- C%" E%" C="1= I ="1 C=$F 1 $=JF$/ . /F"C 2 J2 C= E% I I = F$$FEO. DF$ 2F 2FCC 1#/= /= CF EFD1 & 1.- =1 CF I . I % $= =" C=$F 1 M 1%#1 F I F C <2.1$ = 3=D# C 2= E% I I ="E= I ="1 /= C=C 1$F&=$C=C $ =" "= 2# F&F 1 ="E%$= .1. /= I F" / . N# =]1 1F"1 / F I =$0 1# I = D%#$ C%" En#$ =1 D%#$ CF E%"CE ="E= =11= $.D#J"F"E= "= $=JF$/F 1 DFC / F 22=#$C 2F D$= I Q$= /=C N#F1$= D$%D%C 1 %"C- C#$ 2FN#=22= 2 D%#$$F 1 F C.0 I ="1 1% I K=$ / FEE%$/ F&=E =#W ((= 1%" N#= 2= CF "1+DQ$= F&F 1 D$ C =" / CF"1 E=C EO%C=C .1F 1 1%#+

) ' I ' ! ' ' ' 7 ' 7

EOF"1-' F %#1="1' 2=C' .&YN#=C-' =1' " F&F 1' DFC' 2F' I % "/$=' F J$=#$' %

8#F"1' F#W' K#22=C' / "C1 1#1 %"' EF"%" N#=-' 2=' DFD=' "=' C=' I %"1$F 1' DFC' .2% J".'/=' 2=C' /%""=$' F#W' .&YN#=C' "% I I .C' DF$' 2 = I D=$=#$' 2' $.D.1F' N#=-' C' %"' 2#' $="0 /F 1' C=C' E%"C= 2C-' 1%#1' D%#$$F 1' C F$$F"J=$' d =" .1F 1' DFC' 1F"1' /=' 2F' D$ &F1 %"' /=' C=C' 1F1C' N# 2' C=' D2F J"F 1' N#=' /=' 2 = I D$ C%""= I ="1' /#' EO=< /=' 2 J2 C=-' /=C' & %2="E=C' E% I I C=C' M' 2 .JF$/' /=' 1F"1' /=' EF$/ "F#W' =1' / .&YN#=C-' =1' /=' 1%#1' E=' N#' F&F 1' =#' 2 =#' 2%$C' /=' 2 %EE#DF1 %"' /=' % I =' F' E2F#C=' $=2F1 &=' M' 2 "C1 1#0 1 %"' EF"%" N#=' K2=CCF 1' F' F "1=1.' í)ǰ DF$E=' N#=' 2=' 1=$ I =' /=' 1$% C' I % C' .1F 1' 1$%D' E%#$1' $ k' DF$E=' N# ='" 2 F/ I =4F"1' 2=' #J= I ="1' /=' 2 FD1 1#/=' /=C' C# =1C' "% I 0 I .C' FDDF$1 ="/$F 1' M' 2 = I D=$=#$' C=#2' $ ǰ DF$E=' N# ='" /=$" Q$=' F"F2LC=' 2=' I .1$%D%2 1F "' /=& ="/$F 1' #J=' /=C' $=<#C' /#' CF O2+C .J=+' , k DF$E=' N#=' C#$1%#1'

$, '5 + + ' F+1+ 2' / 1-' C=#2' E% I I =' 2' =C1-' "=' /% 1' DFC' D$="/$=' C#$' 2#' #"' C' J$F"/' EOF"J= I ="1' /F"C' 2 J2 C=' R' 5 2%$C' 2=C' /.D#1.C' C .1F ="1' I C' M' / CE#2D=$' 2 = I D=$=#$-' / CF"1-' E=' N#' .1F 1' &$F -' N#=' 2F' E2F#C=

)' 3=#W Q I=' 2=11$=' /=C' .&YN#=C' /.D#1.C' F#' I " C1$=' /=C' E#21=C') ' I F')*)) ' 6' I H + ' '5 ' %$ ' D1' B

' 3

N# ' F<22 J=F 1' 1F"1' F' F "1=1.' F&F 1' .1.' C#JJ.$.=' DF$' N#=2N#=C' .&YN#=C-' =1' N#=' 2 = I D=$=#$' F&F 1' 2%" J1= I DC' $=<#C.' / L' E%"C="1 $ ' đ % ' 2F' D$%D%CF"1' 2=C' .&YN#=C' I" F&F ="1' =#' / F#1$=' K#1' N#=' / .& 1=$' / .D2#C' J$F" 2C' I F#W ' 7$%KFK2= I ="1' 2=' E%"E 2=' 2 F/%D1=$F 1 ' 2' "=' 1="F 1' /%"E' N# F#' DFD=' /=' D$.&=" $' 2 "1=$&="1 %"' /=C' E%"E 2=C' D$%& "E F#W-' =1-' C 2' F22.J#F 1' /=C' I %1 <C' /=' $=<#C' $=2F1 <C' F#' D=$C%""="2' /=C' .&YN#=C' "% I I .C-' F I F C' #"' = I D=$=#$' $F C%""FK2=' "=' $=<#C=$F 1' /.' 2=C' ="1="/$=' "' 2=' E%"E 2=' "F1 %"F2' / L' FEE./=$-' D%#$&#' N# 2C' <#CC="1' <%"/=C' R' 5

=C' F$J# I ="1C' /=' ' /.' F$$F ' =1' /=' C=C' E%22QJ#=C' "=' C= I K2Q$="1' DFC' D$%/# $=' J$F"/' =<<=1' C#$' 2=C' E%"0 & E1 %"C' /#' CF "1+DQ$=' ' =' C% $' I Y I =' /=' E=11=' E%"&=$0 CF1 %"-' E=C' I =CC =#$C' <#$="1' F/ I C' M' C=' D$% I ="=$' F&=E' 7 =' ; ' /F"C' 2=' D=1 1' F$/ "' F11="F"1' M 2 .&YE2 .' /=' F&%"=' ="1$=1 ="' /=& "1' K ="1c1' <F I 2 =$-' =1' 2=C' F<<F $=C' /. M' 1$F 1.=C' 2=' I F1 "' "% 1F$/Q$="1' DFC' ~' Y1$=' $= I C=C' C#$' 2=' 1FD C' DF$' 2=' DFD=' 2# + I Y I =' F' / CE#C0 C %"' " ="' <#1' DFC' 1$QC+C# & =' 22=' <#1' ="1$= I Y2.=' /=' "F$$F1 %"C' <F 1=C' F&=E' JF =1.' DF$' 7 =' ; ' C#$' E=' N#' C .1F 1' F#1$=<% C' DFCC.' M' C%"' UF"E ="' .&YEO.' / I %2F' 2

) ' 3=#W Q I %' 2=11$=' /=C' .&YN#=C' /.D#1.C' F#' I " C1$=' /=C' E#21=C-' 2Z' I F')*)) ' 6' I H+ ' '5 ' H$ ' D' B

) * : ! 7 7

$FE%"1F D2#C =#$C F"=E/%1=C $=2F1 &=C F# J."."$FZ #22 "
=1 M / F#1$=C J."."$F#W /=2 F$ I .= / 1F2 =- D2F CF"1F"1
FJ$.FK2= I ="1 C#$ 2F D=#$ N#= 2=C #1$ EO ="C =1 2=C
 $F"PF C F&F ="1 <F 1= 1%#$ M 1%#$ =") \B\ M C=C I F2+-
O=#$=#W / %E.CF "C = D2#C C%#&="1 7 = C F/$=C0
CF 1 =" 1F2 =" M C%" E% I DF1$ %1= 2= DF1$ F$EO= /=
; =" C=- C% 1 DF$E= N#= E=2# +E E%""F CCF 1 2=C 2%EF2 1.C
=" N#=C1 %"- C% 1 DF$E= N# Z 1$%#&F 1 #" E=$1F " D2F 0
C $ M E%"&=$C=$ /F"C CF 2F"J#= I F1=$"=22= F <F&=#$
1. I % J".= M 2=#$ E%22QJ#= / %#1$=+ I %"1C C= I K2F I Y I =
=WE 1=$ N#=2N#= D=# 2F F2%#C = /=C .&YN#=C <$F"PF C
 =C EO%C=C " F&F"EQ$="1 DFC 1%#1=<% C O=F E%#D
/#$F"1 E=11= ="1$=&#= / #" EF$FE1Q$= 1%#1 M <F 1
"1 I = = " =C1 DFC- F "C N# 2C C =" &F"1F ="1 F#
I " C1$= /=C E#21=C- d N#= 2F K%#EO= /=C .&YN#=C <]1
$=C1.= E2%C= "%" D2#C $ I F C- .E$ &F ="1+ 2C 1$ C1= I ="1
M J%1 /= 7$.F I ="=#- "%#C " F&%"C D# $ ="
JFJ"=$- =1 "%#C " =CD.$%"C DFC J$F"/ EO%C=- 1F"1 N# 2

) d = D2#C C%#&="1 2= DFD= C F/$=CCF 1 & C K2= I ="1 F# DF1$ F$EO=
/= ; =" C=- I Y I = =" $.D%"/F"1 M EOFE#" /= "%#C- C% 1 DF$E= N# Z
=C1 D2#C F" <F 1 N#= "%#C /=C 2%EF2 1.C N# 2C C= $FDD=2F ="1 2 #" =1
2 F#1$=- C% 1 DF$E= N# Z DF$2= 2 1F2 ="- F "C N#= 2= CF "1+DQ$=- F&=E
&%2#K 2 1. =1 E2F$1.- =1 E=C /=#W &%2#K 2 1.C C= I K2F ="1 C= D2F $= $.E 0
D$%N#= I ="1 5 $% C Q I = 2=11$= /=C .&YN#=C /.D#1.C F# I " C1$= /=C
E#21=C-) I F)*)) 6 I H+ ' '5 ' %$ D \

C FJ $F' /=C' N#F1$=' D$%D%C 1 %"C ' 5 2C' " F&F ="1' $ ="' %K1="# "%"' D2#C' C#$' 2 =WD./ 1 %"' /=C' K#22=C' =1' 2F' E2F#C=' F/ / 1 %" "=22=' F#' E%"E%$/F1 ' d =C' D$ "E DF2=C' %K =E1 %"C' /#' CF "1+DQ$=-' C#$' 2=CN#=22=C' 2' $=& ="1' CF"C' E=CC=-' C%"1' 2F' D$ &F1 %"' 1%1F2=' /=' C=C' E%"C= 2C-' 2 I D%$1F"E=' /=' 2 F<<F $=' D%#$' 2 J2 C=' ="' J." .$F2-' 2=C' =WE=D1 %"C' N#=' D%#$$F ="1' /= I F"/=$' C=C' /$% 1C' DF$0 1 E#2 =$C' C#$' 2=C' .&YN#=C' / 1F2 =-' 2=' /.<F#1' /=' 2 K=$1.-' 2 "E%"&." ="1' J$F&=' /=' $=" /$=' 2=C' I .1$%D%2 1F "C' #J=C' /=C' $=<#C' /#' DFD=-' CF' E%"CE ="E=' N# 2' /% 1' C# &$=-' 2=C' I F#W' M' E$F "/$=' D%#$' 2 J2 C=-' C ' 2=C' = I D=$=#$C' %#' F#1$=C' C%#&=$F "C' &="F ="1' M' "% I I =$' /=C' .&YN#=C' C#CD=E1C' %#' .JF$.C' /F"C' 2F' <% ' R' 5

"' $.D%"C=' M' E=C' %K =E1 %"C' /#' C%#&=$F "' D%"1 <=-' 2=C' .&YN#=C' C .1F ="1' I C' M' DF$2=$' M' 2=#$' 1%#$' /=C' I F#W' I I ="C=C' D%#$' 2 J2 C=-' /=' 2F' D=$1=' $$.DF$FK2=' /=C' D$.$%JF1 &=C' /#' CF "1+C QJ=-' /=C' EF2F I 1.C' N# ' F&F ="1' <$FDD.' 1F"1' / "/ & /#C' F11FEO.C' F#' DFD=' =1' N# ' C%#<<$F ="1' ="E%$=' M' EF#C=' /=' 2# ' 7 =' ;4' ="' F&F 1' DF$#' 1%#EO.-' =1-' 2=&F"1' 2=C' L=#W' F#' E =2-' C .1F 1' .E$.' í Q R R ' F' E%"CE ="E=' 1%#1=<% C' "=' 2# ' D=$0 I =11F 1' DFC' /=' E./=$' d :=' " F' D% "1' /=' E%"C= 2-

) ' $% C Q I =' 2=11$=' /=C' .&YN#=C' /.D#1.C' F#' I " C1$=' /=C' E#21=C-') ' I F')*))' S 'I H+ ' ' ' H, ' D' \,

F %#1F 1+ 2-' ='1 2=' EO=<' /=' 2 J2 C=' =C1' ="'' D$ C%"' ' 2
.1F 1' 2 K$=' ='1 F&=E' /=C' E%"C= 2C-' 2 1$%#&=$F 1' D=#1+Y1$='
/=C' I %L="C' /=' 1%#1' E%"E 2 =$' Q $ ', '' !$ '%$ +'
!$ $' ' 5 # 2="/= I F "' /=' E=11=' ="1$=&#=-' 2=C' .&Y0
N#=C' D$="F ="1'2=' DF$1' /=' $= I =11$=' F#' CF "1+DQ$=' #"='
"%1=' .E$ 1=' /%"1' 2C' F&F ="1' E%"< .' 2F' $./FE1 %"' M' 2F'
D2# I =' OFK 2=' /=' ' 3#&% C "' 7 =' ; '"=' &%#2#1' DFC'2F'
$=E=&% $' 2 ="' .E%#1F'C=#2= I ="1' 2F' 2=E1#$=-' <F 1=' ="' 1F0
2 ="' DF$' 2=' DF1$ F$EO=' /=' ;=" C=' $ I F C' 2 D=$C C1F' /F"'C'
C%"' $=<#C-' / CF"1'N# =22=' .1F 1' K ="' 2=' $.C# I .' < /Q2=' /=C'
="1$=1 ="C' N#' F&F ="1'=# 2 =#' =1'C#$'2=CN#=2C' 2 F&F 1'K ="'
$.<2.EO -' =1' N# =22=' 2#' .1F 1' "#1 2=' =C' .&YN#=C' .1F ="1'
D$%<%"/. I ="1'/.E%#$FJ.C' 2C' $=JF$/F ="1'2=#$' I CC %"'
E% I I =' M D=#' D$QC' 1=$ I " .=' d =D="/F"1-' / CF ="1+ 2C'
M' 2F' /F1=' /#),' I F -' "%#C' $=C1=$%"C' ="E%$=' E' 2=' $=C1='
/=' 2F' C= I F "=-' / FK%$/' DF$E=' N#=' F' F =C1.' "%#C' 2 F'
D=$ I C-' =1'D# C' F< "' /=' 2F CC=$' F#' DFD=' E=' D=#' /=' %#$C'
D%#$' $.<2.EO $' =1' C=' $.C%#/$=' ' F' K%"1.-' CF' /%#E=#$-'
CF' $.C J"F1 %"' =1' I Y I =' CF' K ="&= 22F"E=' D%#$' "%#C'
" %"1' DFC' &F$.' "'"' C=#2' I % I ="1' 3=D# C' "%1$=' F$$ 0
&.=-' 2' /%$1' D=#-' =1' C=' D2F "1' C%#&="1' /=' CF' CF"1.' ' 5

)' $% C Q I =' 2=11$=' /=C' .&YN#=C' /.D#1.C' F#' I " C1$=' /=C' E#21=C-'
)' I F')*))' 6' I + '5 ' %$ 'D' \,
' 8#F1$ Q I =' 2=11$=' /=C' .& N#=C' /.D#1.C' F#' I " C1$=' /=C' E#21=C5'
' " F')*))' 6' I H+ ''5 ' %$ 'D' \

^& /= I I ="Z 2=C .&YN#=C C=5 C="2F ="1 M K%#1 /=5 &% = ' "6 E% I D$="/' I Y I =-5 / FD$QC 2=5 1%"6 /=5 2=#$C E%$$=CD%"/F"E=C-5 N#=-5 1%#1 ="6 $=C1F"1 I K#C /=C /.=C N#=5 2 = I D=$=#$ 2=#$ F&F 1 C ' <%$1= I ="1 "E#20 N#.=C F# /.DF$1-5 2C .1F ="1 #"6 D=# D2#C F11="/$ C N# 2C "=5 2=5 2F CCF ="1 & $-5 =1 K=F#E%#D D2#C N#=5 !FD%2.%"6 "=5 2 F#$F 1 C%#OF 1.-5 M 2F &#=5 /# CD=E1FE2=5 N# 2C F&F ="1 C%#C 2=C L=#W ' "C="C K2= I ="1-5 D$=CN#=5 CF"C C ="6 /%#1=$-5 2C .1F ="1 ="6 1$F "6 /=5 N# 11=$ 2=5 DF$1 ' /# D# CCF"1 = I D=$=#$ 1$ % I DOF"1 D%#$ DFCC=$ /F"C E=2# ' /# I F2O=#$=#W D%"1 <=5 D$ C%"" =$ ' Z .1F 1 1= I DC N#=5 ' /=5 OFK$%Z "1=$&Z"1-5 =1 < 1 = I D2% ' /=C I %L="C / FE1 %"6 N# Z C .1F 1 I ."FJ.C ' " L I F"N#F D% "1 ' d :=5 I =5 C# C $="/# E=5 I F1 "6 F# DF2F C-5 .E$ 1+ Z M ' J%1 /=5 7$.F I ="=# 2=5) ' I F ')*))' -5 D%#$ /.E%#&$ $ N#=2C C=$F ="1 2=C I %1 <C C=E$=1C / #"=5 $.C C1F"E=5 C ' I FZ EF2E#2.= ' : F ' 2%"J1= I DC EF#C.' F&=E 2Q /%E1=#$ 7%$1F-5 =1 =5 2# ' F ' K ="6 <F 1 E% I D$="/$=5 2F C 1#F1 %"6 /F"C 2FN#=22=5 C%"6 I FZ1$=5 C=5 D2FPF 1 '%$ ' ' $ ' ! $<' %$ ' "6 $ ' !5# ' /' ' ! $ ' Z C =C1 K ="6 I K# /=5 E=C D$ "E D=C-5 =1 DF$FZ1 / CD%C.' M C=$& $ "/ 0 $=E1= I ="1 /=5 1%#1 C%"6 D%#&% $ @ ' 5

=5 2="/= I F "-5 2.' D$.<=1 /=5 %#1="%1 =5 C=5 $="/F 1

' =#$=5 /=5 ' /=5 KF9$%Z F# I " C1$=5 /=C E#21=C-5) ' #F ' 21

), ' 4 ' ! ' ' ' 7 4' 7

F#D$QC /# CF "1+DQ$=- /%"1 2 <#1 E% I I = M 2 %$/ "F $= DF$<F 1= I ="1 FEE#= 22 ' "1$F"1 F#CC 1c1 =" I F1 Q$=- F&=E /=C (%$ I =C /= 2F" JFJ= /%"1 2=C .&YN#=C F#$F ="1 .D$%#&.' N#=2N#= = I KF$$FC M C= C=$& $-' 2 =WD$ I F C%" .1%" "= I ="1 M 7 = 22 /= 2F / .1=$ I "F1 %" N# 2 F&F 1 D$ C= F# C# =1 /=C E2F#C=C N# ' F&F ="1 .1.' C%#0 I C=C M C%" FDD$%KF1 %" ' d %" $=<#C 2= C#$D$="F 1 / F#1F"1 D2#C N#=- / #"= DF$1- 2= E%"E 2= .1F 1 D$Y1 M D$%"%"E=$ E%"1$= 2# ' =1 M 2# ' $F& $ 1%1F2= I ="1 #" /$% 1 C#$ 2=N#=2 2 F&F 1 =" E= I % I ="1 2F <FE#21.' /= E% I D%C=$- N#=- /= 2 F#1$=- 2 / CF 1 2# + I Y I = "= &%#0 2% $ $ =" <F $= E%"1$= 2=C N#F1$= D$%D%C 1 %"C ' 3=C E%" / 1 %"C F#WN#=22=C F / O .$F ="1 2=C J2 C=C /= $F"E= =1 / 1F2 = "= D%#&F ="1 DFC / F 22=#$C "N# .1=$ CF E%"CE ="E= ' =DFD= F $=D$ C N# 2 .1F 1 E%"&F "E# /=C / CD%C 1 %"C /# E%"E 2=- D%#$C# 1 ' /= OFK$%2- I F C N# 2 F&F 1 /=&F"1 2# ' 2 =W= I D2= /# E%"E 2= /= 2F"- %a 1$% C E="1C .&YN#=C C .1F ="1 D$%"%"E.C- =1 %a h= CF "1+C QJ= F&F 1 =# 2 F&F"1FJ= D%#$ F&% $ D=$C.&.$.' 2 <F CF 1 / F 22=#$C #"= J$F" /= / <<.$="E= ="1$= "= $ =" <F $= E%"1$= 2=C N#F1$= D$%D%C 1 %"C E%" / F I ".=C DF$ 2= DFD= 2=WF" /$= ; ' F# I % I ="1 /= CF I %$1- %# C L ="JFJ=$ DF$ #" FE1= <%$ I =2 #$ E= D% "1- CF E%"CE ="E= 2 %K2 J=F 1 ="1 Q$= I ="1 # C#$D2#C 2 F&F 1 /= I F" /.' #" E%"C= 2 D%#$ / CE#1=$ E=C' F<<F $=C /=

/%E1$ "=' 5 ' N#%' ' /=' OFK$%2' F&F 1' $.DF$1' F&=E' D2#C' /=' K$#CN#=$ =' N#=' / M+D$%D%C' ĭ d =' E%"0 C= 2' &%#C' C=$F' $="/#' N#F"/' &%#C' &%#C' C=$=X' D$%0 "%"E.R ' 3F 22=#$C' N#=2' E%"C= 2-' C' F#1%$ C.' N# 2' <]1-' D%#&F 1' F&% $' D2#C' / F#1%$ 1.' =1' /=' D% /C' N# #"=' F/O.C %"' J."."$F2=' /=' 1%#1=' 2 J2 C=' JF22 EF"=' =1' /=' 1%#1=' E=22=' / 1F2 =g' 5

.EOF#<<F"1' /=' D2#C' ="' D2#C' C#$' E=' C# =1-' =1' E% I 0 D$="F"1-' E% I I =' 2' 2 F&F 1' / 1' C' C%#&="1-' N# 2' .1F 1' C#$1%#1' %DD%$1#"' E FJ $'<%$1= I ="1' C#$' 2F' C="C K 2 1.' /# DFD=' ĭ d :=' E%"& ="C-' D%#$C# & 1' 2=' D$.<=1' /=' %"1=+' "%11=-' N#=' =' "=' D# C' 1$F 1=$' /=C' N#=C1 %"C' 1O.%2%J N#=C-' I F C-' E% I I =' F#1%$ 1.' D%2 1 N#=-' F' 2=' /$% 1' / "1=$0 &=" $' =1' /=' / $=' N#=' 1%#1' 2=' I %"/=' CF#$F' N#=' 2F' DF W' /=' 2 J2 C=' F' /.D="/#' /#' DFD=-' N#=' 2=C' J="C' .E2F $.C' N#' 2#' C%"1' F11FEO.C' 2 ="JFJ="1' D%#$' C%"' D$%D$=' "1.$Y1' =1' D%#$' 2=#$' $=D%C' M' 1=$ I "=$'#"=' F<<F $=' N#' F' 1$%D' /#$.-' =1' N#' =C1' F# %#$/ O#' $./# 1=' M' C=C' D2#C' C I D2=C' .2. I ="1C-' N# %"' "=' D=#1' I F"N#=$' /=' 2#' CF&% $' I F#&F C' J$.-' /F"C' 2= I % I ="1' %a' 2 J2 C=' /=' $F"E=' %K1 ="1' /=C' CFE$ < E=C' /=' F F =C1.-' CFE$ < E=C' /=' D#$=' J."."$%C 1.-' D# CN#=' 2=' E%"E 2=' "F1 %"F2' FCC#$=' C=C' D2F"C' =1' C=C' "1.$Y1C-' =" FDD$="F"1' N#=' 2 J2 C=' =1

)' =11$=' /=' ' /=' OFK$%2' F#' I " C1$=' /=C' E# 1=C-')R I F')*))

C=C J. I CC= I ="1C " %"1 $ =" D# %K1=" $ /= 2# ' : F F %#1. N#= 2=C EO%C=C " =" F22F ="1 DFC I % "C Y1$= $.J2.=C- =1 N#= C=C C#EE=CC=#$C K2b I =$F ="1 CF I . I % $= / F&% $ "#1 2= I ="1 E% I D$% I C 2=C F11$ K#0 1 %"C /# CF "1+C QJ=- =1 N#= = "= D%#&F C 2# ' EFEO=$ E% I I = I FJ C1$F1 E & 2 N#= 2F D%C1.$ 1.' =1 2 O C1% $= 2= E%" /F I "=$F ="1

' E=11= .1$F"J= C= I %"E=- M E=11=1. I .$F $= D$./ Em 1 %"- N#= 2 .&."= I ="1 " F JOQ$= #C1 < .= ' 7 = ; > C= E%"1="1F /= $.D%" /$= F&=E /%#E/1 $ N#= CF"C-/%#1= 2 %D " %" /=C O% I I =C .1F 1 N#=2N#= EO%C=- =1 N# 2 .1F 1 D%CC K2= N# 2 <]1 K2b I .- I F C N#=- d C=C %D " %"C 1="F"1 M CF E%"CE ="E=- 2 D$="F 1 C%" DF$1 ' C#$ E= D% "1- =1 %#K2 =$F 1 <FE 2= I ="1 2= #J= I ="1 /=C O% I I =C D%#$ "= D="C=$ N# M E=2# ' /= 3 =# R 5

F11# C#$ E= 1=$$F "- S /= OFK$%2 C= $=1%#$"F / #" F#1$= Ec1.

d:= EO=$EOF ' F2%$C-.E$ 1+ 2 M ' J%1 /= 7$.F I ="=#- M 1$%#&=$ 2= EO= I " /# En#$ /# DFD= ' := 2# ' / C N#= = 2 F&F C &# 2%"J1= I DC /F"C 2= I F2O=#$- N#= = D$=0 "F C "1.$Y1 M CF C 1#F1 %"- =1 N#= = "= D%#&F C DF$ E%"C.N#="1 I = I DYEO=$ /= 2# ' $=D$.C="1=$ N# 2 C=

) ' =11$= /= ' /= OFK$%2 F# I " C1$= /=C E#21=C-), ' I F ')* ' 3

3 ‘ 33 ! +79 ‘),`

<2F22=$F 1 &F "= I ="2 /= $="E%"2$=$ / F 1$=C %EEFC %"C D%#$ 2# ‘ %#1 E= N#= 2 = I D=$=#$ F&F 1 D# FEE%$/=$ ‘ F#W C%22 E 1F1 %"C /= C%"‘ ^J2 C=- 2 2 F&F 1 FEE%$/.‘ CF"C $.C=$&=- C# &F"1 2 #CFJ= /= C%"" J$F"/ En#$‘ := 2= E%" #$F C /%"E- I %-‘ 1%#C C=C F I C-‘ 1%#C 2=C < /Q2=C- /= K ="" &% $ CF D%C 1 %"" =1 E=22=- /= C%# J2 C=- /= "= DFC %#K2 =$ =1‘ C=C D$ &F1 %"C D=$C%""=22=C =1 E=22=C /= 1F"1 / "/ & /#C E% I D$% I C =1 N#‘ C%#<<$F ="1 M EF#C= /= 2# ‘))ñ F .1.‘ . I #-‘ I F C = "sF‘ $ ="" JFJ".‘ C#$ E=11= %KC1 "F1 %"" "E$%LFK2=‘ 2 I F / 1 N#= D%#$ 2# + I Y I = 2 .1F 1 D$Y1 M 1%#1-‘ =1 N# 2 1="F 1 D=# /= E% I D1= /= E= N#‘ 2= $=JF$/F 1$ N#= D%#$ 2=C F#1$=C- 3 =# L D%#$&% $F 1-‘ I F C N# 2 " FE2 c1=$F 1 F I F C 2F DF W /%"1 = 2#‘ DF$2F C-‘ =1 "= EK=$EK=$F 1 M .& 1=$ 2=C $=D$%EO=C /%"1 = 2= I ="FPF C DF$ 2=C CFE$ < E=C N#‘ 2#‘ .1F ="1 D$%D%C.C‘ 2 I F ="C# 1= N# 11.- I = DF$F C0 CF"1 1%#EO.- = 2= $.DQ1=- I F C $.C%2# ‘ 5

=D="/F"1 2= D$.<=1 /= %"2= %22= " .1F 1 DFC O% I I = M /.C=CD.$=$ ="E%$=- EF$ 2 " F&F 1 DFC <F 1 %#=$ 1%#C 2=C $=CC%$1C C#$ 2=CN#=2C 2 E% I D1F 1 2= D2#C‘ 7="/F"1 N#= 2=C EO%C=C F&F"PF ="1 C‘ D=#-‘ ‘ /= OFK$%2 F&F 1 FDD$ C DF$ 2= /%E1=#$ 7%$1F N#= 2F CF"1.‘ /# CF "1+DQ$= 2F CCF 1 K=F#E%#D M /.C $=$‘ 3=D# C N#=2+

)‘ =11$= /= ‘ /= OFK$%2 F# I " C1$= /=C E#21=C-),‘ I F‘)*))‘ ;‘ I

), ' ' ! ' ' ' 7 ' 7

N#=C' %#$C-' 2' "=' /%$ I F 2' D$=CN#=' D2#C-' C=C' "# 1C'
.1F ="1' <%$1' FJ 1.=C-' =1' C%"' =CD$ 1' C=' 1$%#&F 1' /=' D2#C'
="' D2#C' .K$F"2.' DF$' 2F' <F1 J#=' /=C' / CE#CC %"C' N# 2' 2# '
<F22F 1' C%#1=" $' =1' DF$' 2=' C="1 I ="1' /=' 2F' J$F& 1.' /=C'
$.C%2#1 %"C' N# 2' F22F 1' F&% $' M' D$=" /$=' ! %#C' F I =0
$ %"C' M' D%#&% $' / $=' N#=' E=C' F11$ C1F"1=C' "%#&=22=C'
=WE 1F ="1' 2F' E% I DFCC %"' /#' D$.<=1' /=' %"1="%12=' '
F2O=#$=#C= I ="1' E=' " =C1' DFC' 2=' C="1 I ="1' N#' FDDF0
$FZ1' /F"C' CF' E%$$=CD%" /F"E=' đ =CC =#$C' 2=C' .&YN#=C'
&=$$%"1' ="E%$=' 2=' DFD=' E=' C% $'$ D=#1+Y1$=' E=C'<$.N#="1=C'
E% I I #" EF1 %"C' D$% /# $%"1+=22=C' 2=#$' =<<=1' 3 #"' F#1$='
Ec1.-' %"' <F 1' ="' C%$1=' /=' 2 . I %#&% $-' C% 1' DF$' 2=C' J="C'
N#' 2 FDD$%EO="1-' C% 1' ' ' ' ' ' '
' ' ' 5

"' .1F 1' F2%$C' F#' K' I F')*)) ' =' 2="/= I F "-' 2='
D$.<=1' /=' %"1="%12=' .E$ 1' M' ' J%1' /=' 7$.F I ="=#' i
đ ! %#C' F&%"C' <F 1' "%1$=' D%CC K2=' D%#$' E#21 &=$' 2F' 2#=#$'
/ =CD% $' N#=' "%#C' F&%"C' &#=' C=' I F" <=C1=$' O =$-' D=$0
C#F/.C' N#=-' C' #"' EF$FE1Q$=' E% I I =' E=2#' /#' DFD='
E% I I ="E=' M' C=' $=" /$=-' %"' D=#1' =CD.$=$' #"=' CC#='
<F&%$FK2=' M' 2F' ".J%E F1 %"' ' !' $' Q ' ' $' '
3 ' , *' 2' =C1' C%$1' O =$-' =1' F' D$%< 2.' / #"=' E $0
E%"C1F"E=' <F&%$FK2=' E=' I F1 "' D%#$' / $=' F#' DFD=' N# 2

)' =11$=' ,=' ' /=' OFK$%Z' F#' I " C1$=' /=C' E#21=C-')' I F' *

F&F 1' C#' N#='5 1%#1='5 2F' D%D#2F1 %'" /='5 F&%"='5 =1' 1%#1='5 E=22='5 /='5 Q"=C' C F11="/F ="1' N#' 2' F22F 1' E./=$' ='5 DFD='5 2 F' .E%#2.' F&=E' D2F C $'5 =1' 2#' F' I %"1$.' /='5 D2#C' <F&%$FK2=C' / CD%C 1 %"C' N#='5 D$.E./= I I ="1' R' 5' #CC 0 1c1' F&=$1' DF$' C%"' E%"< /="1-'5 ' /='5 OFK$%2' C = I D$=CCF' /='5 C='5 $=" /$='5 EO=X' 2='5 CF "1+DQ$=-'5 =1' $=D$%/# C 1' F&=E' D2#C /='5 <%$E='5 2=C' F$J# I ="1C' N#' 2' F&F 1' / . M' <F 1' &F2% $ □' ='5 DFD=-'5 .E$ 1+ 2-'5 F' DF$#' E=11='5 <% C' <$FDD.' /='5 I =C' $F C%"C-'5 L' =C1' $=&="#' M' D2#C =#$C' <% C-'5 =1' F' DF$2.' /# DFCC.' CF"C' F I =$1# I =' : F' D$%< 1.' /='5 E='5 I % I ="1' D%#$' F11="/$' $' C%"' En#$' DF$' 2 /.='5 /='5 1%#1=C' 2=C' D=$C%""=C' I E% I D$% I C=C' D%#$' 2#' N#' F11="/F ="1' /='5 2#' C=#2' 2F' E=CCF1 %"' /='5 2=#$C' I F#W' :='5 2#' F' 1$%#&.' M' E=1' .JF$/' D2#C' /='5 C="C K 2 1.' N#='5 /='5 E%#1# I ='5 T' 5' ="' " .1F 1' ="E%$='5 EOF"J.' F#' <%"/' /F"C' 2=C' / CD%C 1 %"C' /# CF "1+' DQ$=S' E=D="/F"1' /='5 1=$$ K2=C' F"W .1.C' 1%#$ I ="1F$="1' C%"' b I ='5 C' <FE 2='5 M' 1$%#K2=$' ' /='5 OFK$%2' " F&F 1' JF$/='5 /='5 " ="' D% "1' D$%< 1=$

d' ='5 I F1 "' ='5 I ='5 C# C' $="/#' EO=X' 2#' (2='5 DFD=' FD$QC' I Y1$='5 E%"E=$1.' F&=E' I =CC =#$C' 2=C' .&YN#=C-'5 /F"C' $ "2="1 %"' /='5 2#' oVF$2=$' F&=E' 2F' D2#C' J$F"/='5 ."=$J =' :='5 2 F' / FK%$/' 1$%#&.' +3 ' =<<=1' N#='5 F

' =11$='5 /='5 ' /='5 OFK$%2' F#' I " C1$='5 /=C' E#21=C-'5) ' I F')*)) '

{+'

),* ‘ !‘ ‘ ‘7 ‘ 7

F11$ K#.‘ F#1= I DC-‘ N#‘ =C1‘ <%$1‘ I F#&F C-‘ =1‘ N#‘ "<2#=‘ K=F#E%#D‘ C#$‘ C=C‘ / CD%C 1 %"C‘ $ I F C‘ F‘ K ="1c1‘ =#‘ / CC D.‘ E=C‘ "#FJ=C-‘ =1‘ =‘ 2#‘ F‘ / 1‘ N#=‘ =‘ &%LF C‘ F&=E‘ 2=‘ D2#C‘ J$F"/‘ $=J$=1‘ DFCC=$‘ #"‘ 1= I DC‘ D$.E =#W‘ :=‘ /=&F C‘ 2#‘ <F $=‘ %KC=$&=$‘ N#=‘ E=‘ " .1F 1‘ DFC‘ F&=E‘ /=C‘ D$%D%C 1 %"C‘ =1‘ /=C‘ E%"/ 1 %"C‘ =WE=CC &=C‘ N# 1‘ $.#CC 0 $F 1‘ F&=E‘ %1$=‘ F =C1.-‘ N#=‘ 2 OFK 1#/=‘ /=‘ 2 = I D=$=#$ .1F 1‘ /=‘ ‘ =1‘ "%"‘ +1 !!# ‘ 4"=‘ E%"E=CC %"‘ N#‘ "=‘ C=$F 1‘ DFC‘ 1%1F2=‘ 2F CC=$F 1‘ 2=C‘ EO%C=C‘ /F"C‘ 2=#$ .1F1‘ : F‘ F %#1.‘ N#=‘ E .1F 1‘ DF$ ‘ 3 ‘ + 8 ‘ @N# 1‘ %K1 ="/$F 1‘ N#=2N#=‘ EO%C=‘ /=‘ %1$=‘ F =C1.-‘ =1‘ "%"‘ DF$‘ /=C‘ $=<#C‘ N#‘ "=‘ <=$F ="1‘ N#=‘ 2F‘ E%"&F "E$=‘ /=‘ 2 I D%CC K 2 1.‘ / #"‘ FEE%$/‘ =1‘ F %#1=$‘ M‘ CF‘ D# C0 CF"E=‘ =1‘ M‘ 2F‘ &F2 / 1.‘ /=‘ CF‘ EF#C=‘ ‘ 2 = I D=$=#$‘ F&F 1‘ /F J".‘ FEE%$/=$‘ K=F#E%#D‘ M‘ C%"‘ J2 C=-‘ E .1F 1‘ DF$E=‘ N# =22=‘ C .1F 1‘ F/$=CC.=‘ M‘ 2#‘ DF$‘ 2 %$JF"=‘ /=‘ C# =1C‘ C%# I C‘ =1‘ ="‘ &#=‘ /#‘ K ="‘ J.".$F2‘ F"C‘ /%#1=‘ 2 = I 0 D=$=#$‘ FEE%$/=$F 1‘ ="E%$=‘ K=F#E%#D‘ M‘ 2F‘ E%"/=CE="0 /F"E=‘ =1‘ M‘ 2F‘ D$=#&=‘ /=C‘ K%""=C‘ / CD%C 1 %"C‘ /=‘ F F "1=1.-‘ I F C‘ "=‘ E./=$F 1‘ F I F C‘ M‘ /=C‘ D$%D%C 1 %"C‘ . N# &%N#=C‘ =1‘ N#‘ "=‘ /%""=$F ="1‘ F#E#"=‘ JF$F"1 =‘ # C#$D2#C‘ F‘ F =C1.‘ %K1 ="/$F 1‘ /=‘ C%"‘ E%"E 2=‘ D2#C‘ N# =22=‘ "=‘ /= I F"/F 1‘ ="‘ E=‘ I % I ="1S‘ C=C‘ D$% =1C‘ C FEE% I D2 $F ="1‘ DF$‘ 2M‘ D2#C‘ D2= "= I ="1‘ ="E%$=-‘ EF$‘ 2 = I D=$=#$‘ "=‘ D%#&F 1‘ $ ="‘ D=$/$=‘ /F"C‘ CF‘ D%C 1 %"-

1F"/ C N#= 2# - 7 = ; - &=$$F 1 2 J2 C= =1 1%#1= 2F D%D#2F1 %"" /# J$F"/ = I D $= 2= K2b I =$ /= " F&% $ E% I D1.' D%#$ $ ="' " :=#$C 2F$ I =C "' 2=#$ $=D%C-' =1 C=C C#EE=CC=#$C 2#' $=D$%EO=$F ="1 .JF2= I ="1 / F&% $ 2F CC.' D=$/$= #"= E $E%"C1F"E= <F&%$FK2= M 2 J2 C= =1 N#' "= C= $=D$.C="1=$F 1 D2#C' : F' 1=$ I ".' ="" / CF"1 N#=- C 2 .1F 1 ="& $%"".' /= C=C F I C- 2C C= =11=$F ="1 1%#C M C=C D =/C D%#$ 2= E%" #$=$ /= "= DFC CFE$ < =$ F "C' M /= &F "C CE$#D#2=C 2= K ="" /= 2 J2 C=- := $=D%C /=C D=#D2=C-' C%"" C%$1 =1 2= 2=#$' 7=#1+Y1$= D%#&F 1+ 2 C= I .< =$- /= I % ' =D="/F"1 2= 2F"JFJ= /= 2F &.$ 1.' F&F 1 CF <%$E= DF$ 2# + I Y I =- =1 / F 22=#$C 2 /=&F 1 &% $ N#= =" .1F C J# /.' N#= DF$ =22= /F"C #"= E $0 E%"C1F"E= %a = D%#&F C /= I =#$=$ C' DF$<F 1= I ="1 1$F"N# 22= C#$ 2=C /$% 1C =1 C#$ 2= C#EEQC /=C D2F"C /= I %"-' C%#&=$F "

d := "= /% C DFC / CC I #2=$-' E%"1 "#= 2= D$.<=1 /= %"1="%11= F&=E #"= & C K2= CF2 C2FE2 %"-' N#= E= / C0 E%#$C-' N#' F&F 1 D2#C /= & J#=#$ /F"C 2F E%"&=$CF0 1 %"" DF$ 2 OFK 1#/= N#= F' /= DF$2=$ 2 K$= I ="1 F&=E 2= DFD=- F <F 1 #"= <%$1= I D$=CC %"" C#$2# 2"= I F $.D%"/# N#= DF$ /=C $F C%"C 1$QC+<F K2=C- =1 2 =WD$=C0 C %"" /= E$F "1=C <%$1 =WFJ.$.=C N#= F' FCC=X F C. I ="1 / CC D.=C ' = DFD= " F D$=CN#= D2#C $ ="" %DD%C.- ' 2 .1F 1 . I # ' $=<- 2 F / 1 N# 2 /.C $F 1 &% $ 2=C .&YN#=C

1%#1' /=' C# 1=' D%#$' =WF I "='$ F&=E' =#W' C' 2='C' EO%C=C D%#&F ="1'C='E%" K "=$ 2'E%""F CCF 1'K ="' 2# + I Y I ='2= EF$FE1Q$='/=' F' F =C1.$' 4 .1F 1'E%"&F "E#' N# 2' " %K+ 2 ="/$F 2'$ ="' N# ="'FEE./F"1'M'C='/.C $C-'EF$' 2E% I D$=+ "F 1N#='C='C' $=<#C' 2='<%$1 < =$F ="2' F#D$QC/#' E%"E 2= ' : F' D#' $= I F$N#=$-' "=' E$F "1' DFC' / F2 $ I ='$ 2='D$.<=1' /=' %"1="%11=-' N#='2='DFD=' .1F 1' I % "C' $=1="#' DF$' CF' E%"& E1 %"' N#='DF$' #"' F I %#$+D$%D$='N#'C=' /.J# C='EO=X' 2#' C%#C' 2F' <%$ I =' / "N# .2 #2=C' /=' E%"CE ="E=' : F' F %#1.' 1%#1' E='N#='F' D#' F#W' $F C%"C' N#='F&F C' /.&=2%DD.=C-' =1-' 2='2F CCF"1' /F"C' #"='C 1#F1 %"' / =CD$ 1' D2#C' <F&%$FK2='N#='='"='2 F&F C' ="E%$='&#-' ="' F' D$.&="#' 2F' /.D#1F1 %"'$ =22='C =C1' $="/#='I I./F1=0 I ="1' EO=X' 2=' CF "1+DQ$='22='F' =#' 2 ="' / ="' Y1$='K=F#E%#D' D2#C' CF1 C<F 1='N#='/=' E%#1# I =-' =1' I Y I ='=22='I F""%"E='N#=-'C'/=C' / CD%C 1 %"C' F#CC'O=#$=#C=C' C='C%#1 =""="1' E='C% $' E% I I =' E=' I F1 "-' =22='D=#1' =CD.$=$' F11= "/$='2='K#1'/=' CF' I CC %"' R' 5

% I I ="1' C .1F 1' %D.$.' E=' EOF"J= I ="1' "F11="/#' /F"C' 2=C' / CD%C 1 %"C' /=' F' F "1=1.g' 2' C=$F 1' FCC=X' / << E 2=' / ="' /.E%#&$ $' 2=C' EF#C=C' /F"C' 2F' E%$$=CD%"0 /F"E='/=C' .&YN#=C-' EF$' 2=#$C' 2=11$=C' /=& =""="1' 1%#1' M' E%#D' F#CC' E%#$1=C' =1' ." J I F1 N#=C' N#='E=22=C' /#

D$.<=2' /=5 %"2="%4=5 C%"1' "=11=C' =1' /.1F 22.=C' 2C'
DF$2="1' M' 2F' /F1=5 /#')\' IF' / #"=5 E%#$1=5 "%1=5 N# 2C'
%"1' $=I C=5 M' 7 =5 -5 =1' N# 2' F' 2#=5 =1' JF$/.=S' IF C'
/=C' =CD.$F"E=C' N#=5 ' /=5 OFK$%2' F&F 1' /. M' E%"P#=C'
' M' E=11=5 .D%N#=-5 2C' " ="' C%#<<2="1' DFC' I%1' /F"C' 2=C'
E%I I#" EF1 %"C' N# 2C' F/$=CC="1' F#' I " C1$=5 /=C'
E#21=C' 2C' / C="1' F#' E%"1$F $=5 N# 2' 2=#$' DF$FZ1' FCC=X'
E2F $' F# %#$/ O#' N# 2C' " F$$ &=$%"1' DFC' F#' K#1
đ 2C' %"1' IY I=5 E=CC.' /=5 E%I KF11$=5 2=C' $.C%2#1 %"C' /#'
DFD=-5 DF$E=5 N# 2' 2=#$' F' / 1' =1' $.D.1.' N# 2' D$.<.$F 1'
DFCC=$' CF' & =5 ="' D$ C%"-5 6' $ $ ' ! ! +5 m' 5
=5 2="/=I F "')*-5 2=C' .&YN#=C' C=5 K%$"="1' M F""%"E=$'
N#=5 ' 2=5 D$.<=2' /=5 %"2="%4=5 F' K=F#E%#D' F /.' F#W
$.<2= q %"C' /=5 2F' "# 1' ="' DF$2F"1' 2=5 IF1 "' IY I=5 F&=E'
/%#E=#$' =1' <=$I=1.' F#' CF "1+DQ$=' "' C=5 $="/F"1'
EO=X' 7 =5 ' FD$QC' ' /=5 OFK$%2-5 2C' 2 %"1' 1$%#&.'
D$%<%"/.I ="1' D="C <=1' 1%#EO.-5 1%# %#$C' K%"-5 1%# %#$C'
F<<FK2=-5 1%# %#$C' J# /.' DF$' CF' E%"CE ="E=-5 N# 2' "=
&=#1' DFC' 1$FO $-5 IF C' I% "C' .2% J".' /=5 2 /.=5 /=5 <F $=5
N#=2N#=5 E%"E=CC %"' đ !%#C' F&%"C' N# 11.' 2=5 DFD=-5
F %#1="1+ 2C-5 F#' I%I ="1' %a' 2' "%#C' F' F&%#.' %$ ' '
'.' '#' "') ' H$# ' "' %$1 ' # "' %$ ' ! ' '

' =D1 QI=5 2=11$=5 /=C' .&YN#=C' /.D#1.C' S# I " C1$=5 /=C' E#21=C-5
\' IF' 2' 6' 2 "$F2-5 ' D' B,

) ' ' ! ' ' ' 7 ' 7

" ' + $ ' #' ' ' /=' C%$1=-' E%"1 "#F ="1' 2=C'
.&YN#=C-' N#=' "%#C' $=& ="/$%"C' / F#CC' K%""=' O=#$=' N# 2' C=$F' D%CC K2=' 5

; "J1+N#F1$=' O=#$=C' FD$QC-' CF"C' ="1$=$' /F"C'
/ F#1$=C' /.1F 2C-' 2=C' .&YN#=C' $FE%"1="1' N# FLF"1' 1$%#&.'
2=' DFD=' FCC=X' K ="' / CD%C.-' 2C' ="' %"1' D$%< 1.' D%#$' 2#'
<F $=' FJ$.=$' / &=$C' F$1 E2=C' $=2F1 <C' M' 2 "C1 1#1 %"'
EF"%" N#=' =1' M' 2F' E2F#C=' F/ / 1 %""=22=' F#' E%"E%$/F1'
=' DFD=' C .2F"1' D=#' M' D=#' <F I 2 F$ C.' F&=E' E=11=' /.=-'
2C' F&F ="1' I Y I =' D$ C' 2F' D2# I =' =1' $./ J.' C#$' #"'
K$%# 22%"' 1%#1' E=' /%"1' %"' F&F 1' 2 =CD% $' /=' 2=' <F $='
E%"&=" $' d =' I F1 "' "%#C' F&%"C' $./ J.' 2=' 1%#1' E2F 0
$= I ="1' =1'="' <$F"PF C' !%#C' 2 F&%"C' D$.C="1.' F#' DFD='
2' F' &%#2#' /=C' EOF"J= I ="1C' / =WD$=CC %"-' /=C' F/ / 0
1 %"C' /=' DO$FC=C-' /=' 2.JQ$=C' C%#C1$FE1 %"C-' =1' 2' ="' =C1'
$.C#21.' #"' ="C= I K2=' FCC=X' K%"' -' K=F#E%#D' I = 22=#$'
N#=' E=' N#=' "%#C' "%#C' <2F11 %"C' 2' L' F' N#=2N#=C' %#$C'
/ %K1=" $' 5 =21=' "%1=' F "C' E%$$ J.=' M' 2F' Kb1=' DF$'
C=C' F#1=#$C' /F"C' 2=' EFK "=1' D%"1 < EF2-' =1' /%"1' "%#C'
$=D$%/# $%"C' D2#C' <F$/' 2=' 1=W1=' ="1 =$-' <#1-' F&=E' C%"'
E%"C="1= I ="1-' 2F CC.=' DF$' 2=C' .&YN#=C' C#$' 2F' EO= I ".=

)' # 1 Q I =' 2=11$=' /=C' .&YN#=C' /.D#1.C' F# I " C1$=' /=C' E#21=C-'
)* I F')*))' 6' I H + ' ' D' B
R' !=#& Q I =' 2=11$=' /=C' .&YN#=C' /.D#1.C' F# I " C1$=' /=C' E#21=C-'
3

/# E "1+DQ$=' =2="/=IF "/=J$F"/ IF1 "- 2D$=0
"F ="1 1%#C ="C=IK2=2F $%#1= /=7F$C

"E%$=#"=<%C-N#=C .1F 1+2 /%"E DFCC.M F&%"=
="1$=2=)`=12=)* IF N# F 1C#<M I%/ =$F "C-
/# %#$F# 2="/=IF "=1/#1%#1F# 1%#1-2=D$=IQ$=C
/.1=$I "F1%"C /=7=;4g F$ 2 "L F DFC I%L="/=
C=<F $=22#C %"-2F "%1=$./J.=/F"C C%"EFK "=1-
/%"1 2 F&F 1D=C.1%#C 2=C 1=$I=C=1 FEE=D1.2M 1="=#$-
N#% N# 2 "=]1 DFC &%#2# 2F C J"=$-E%"1="F 1 ="
D$ "E D=1%#1=C 2=C E%"E=CC %"C N# 2 F&F 1 / FK%$/
$=D%#CC.=C-=1 E=22=C+2M IY I=C N# 2 F&F 1 IF "1=C <%C
/.E2F$.=C E%"1$F $=C M CF E%"CE ="E=7%#$N#% " ="
DFC E%"&=" $-=1 /=N#=2 /$% 1- E% I I=1F"1 / F#1=#$C
=EE2.C FC1 N#=C- / CC I#2=$ %"C+"%#C 2F &.$1.g 2
F$$ &F 1F# DFD=="*))-M D$%D%C /=2 "C1 1#1 %"/=C
.&YN#=C-E=N# 2# .1F 1/.M F$$ &.="*)M D$%0
D%C /=C D$Y1$=C E%"C1 1#1 %""=2C-="* ,M 2 %EEFC %"
/# CFE$=-="*)* B F# C# =1/=2F <=$I=1#$=/=C D%$1C
D%"1 < EF#W F#W "J2F C-E=N# /=&F 1 2# F$$ &=$
="E%$=FD$QC 2F E2c1#$=/# E%"E 2="F1 %"F2 =1 D2#C
2F$/M %"1F "=K2=F# C / $=E1=I="1 ="D$.C="E=
/=!FD%2.%"-2 C=1$%#&F 1(.1F 1+E=K="*.1%""F"1g
N# M 2F 2%"J#=2=IF22 =#$="W EO=</=2F EF1O%2 E1.-
/=&="# #"D=# "E=$1F "M <%$E=/=CE$#D#2=C-=1 1 $.
="/=C C="C / &=$C DF$ C=C C="1 I="1C 1%# %#$C 2 %"+

)`ˢ ˢ ! ˢ Vˢ ˢ 7 ˢ 7

"Y1=C-ˢ I F Cˢ DF$<% Cˢ E%"2$F/ E1% $=C-ˢ < " CCF 1ˢ DF$ˢ " Y1$=ˢ D2#Cˢ /=ˢ <%$E=ˢ E%"1$=ˢ 2=ˢ D# CCF"1ˢ EO=<ˢ /=ˢ 2 = I D $=-ˢ N#=ˢ "=ˢ 1$%#K2F 1ˢ Mˢ E%#Dˢ C]$ˢ F#E#"=ˢ E% I D2 EF1 %"ˢ /=ˢ E=ˢ J="$=

=22=ˢ .1F 1ˢ ="ˢ =<<=1ˢ 2Fˢ D="1=ˢ "F1#$=22=ˢ /=ˢ 7 =ˢ -ˢ N# 2ˢ "=ˢ D%#&F 1ˢ 2%"J1= I DCˢ $.C C1=$ˢ F#Wˢ "E=$1 1#/=Cˢ N#=ˢ <F CF ="1ˢ "FZ1$=ˢ ="ˢ 2# ˢ 2=Cˢ D% "1Cˢ /=ˢ &#=ˢ I #21 D2=Cˢ /=ˢ C%"ˢ QCD$ 1-ˢ 2=Cˢ C#K1 2Cˢ $F< "= I ="1Cˢ /=ˢ CFˢ E%"0 CE ="E=-ˢ =1ˢ DF$+/=CC#Cˢ 1%#1ˢ 2=Cˢ 1 I /=Cˢ E%"C= 2Cˢ /=ˢ CFˢ 1%#EOF"1=ˢ I %/=C1 = ˢ dˢ =Cˢ 1F2="1Cˢ /=ˢ 7 =ˢ -ˢ "%#Cˢ / 1ˢ 2 #"ˢ /=ˢ C=Cˢ I " C1$=C-ˢ 2=ˢ EF$/ "F2ˢ 7FEEF-ˢ N# ˢ 2 Fˢ Cˢ K ="ˢ E%""#-ˢ .1F ="1ˢ 2% "ˢ / Y1$=ˢ I ./ %E$=C ˢ %"ˢ EF$FE0 1Q$=ˢ " .1F 1ˢ " ˢ <F K2=ˢ " ˢ D#C 22F" I =Sˢ 2ˢ C=ˢ <F CF 1ˢ F# E%"1$F $=ˢ $= I F$N#=$ˢ DF$ˢ 2Fˢ $.C%2#1 %"ˢ =1ˢ 2Fˢ & &FE 1.ˢ /=ˢ C%"ˢ =CD$ 1ˢ #<< CF I I ="1ˢ &=$C.ˢ /F"Cˢ 2=Cˢ CE ="E=Cˢ CFE$.=C-ˢ 2ˢ .1F 1ˢ /%#.ˢ /=ˢ E=ˢ 1FE1ˢ F=ˢ N# ˢ <F 1ˢ ="& CFJ=$ˢ 2=Cˢ F<<F $=Cˢ C%#Cˢ 2=#$ˢ &.$ 1FK2=ˢ %#$ˢ =1ˢ N# ˢ ="ˢ D."Q1$=ˢ 2=Cˢ / << E#21.C ˢ F Cˢ Mˢ 1F"1ˢ /=ˢ K=22=Cˢ N#F2 1.Cˢ C=J% +ˢ J"F 1ˢ #"=ˢ / CD%C 1 %"ˢ "F1#$=22=ˢ N#=ˢ 2=Cˢ #"Cˢ %"1ˢ $=JF$0 /.=ˢ E% I I =ˢ #"=ˢ &=$1#ˢ -ˢ 2=Cˢ F#1$=Cˢ E% I I =ˢ #"ˢ /.<F#1ˢ %"ˢ D$= I =$ˢ E%#Dˢ / n 2ˢ /F"Cˢ 2=Cˢ F<<F $=C-ˢ CFˢ D="C.=ˢ D$= I Q$=-ˢ F""%"PF ="1ˢ #"ˢ / CE=$"= I ="1ˢ F/ I $FK2=-ˢ #"ˢ K%"ˢ C="Cˢ =WN# Cˢ $ I F C-ˢ Cˢ N#=2N# #"ˢ /=ˢ C=Cˢ I " C0 1$=Cˢ %#ˢ N#=2N#=ˢ F#1$=ˢ D=$C%""FJ=ˢ /=ˢ D% /Cˢ &="F 1ˢ Mˢ E% I KF11$=ˢ C%"ˢ %D " %"ˢ 1Y1=ˢ Mˢ 1Y1=ˢ =1ˢ 2 %KC./F 1ˢ / "+

C1F"E=C-' E=1' =WE=22="1' D%"1 <=' FKF" /%""F 1' C%"' C="1 0 I ="1' D%#$' C# &$=' E=2#' / F#1$# -' N#' C%#&="1' " .1F 1' DFC' 2=' I = 22=#$S =C' ="" = I Z. F11$ K#F ="1' E=11=' <FE 2 1.' M' #"=' J$F" /=' <F K2=CC=' / =CD$ 1-' M' #"' F I %#$' =WE=CC < /#' $=D%C' 3 F#1$=C' D=$C%""=C' D2#C' #C1=C' 2F' $=JF$0 /F ="1' E% I I =' 2 =<<=1' /=' CF' C "J#2 Q$=' I %/=C1 =' =1' / #"=' 1$%D' J$F" /=' /.< F"E=' /=' C=C' D$%D$=C' 2# I Q$=C' R' 5

! %#C' F&%"C' $FE%"1.' E% I I ="1' ' /=' OFK$%2' F&F 1' C# /.E%#&$ $' =1' I =11$=' M' D$%< 1' E=C' 2.JQ$=C' /.<F 20 2F"E=C$' "%#C' F&%"C' <F 1' &% $-' M' 2 F /=' /=' 2=#$C' D$%0 D$=C' 2=11$=C-' F&=E' N#=22=' D=$C C1F"E=' 2=' D$.<=1' /= %"+' 1="%21=' =1' 2=C' .&YN#=C' F&F ="1' 1%# %#$C' D$.C="1.' M' 7 =' ; ' 1%#C' 2=C' D$.2F1C' /=' 2 = I D $=-' 2=' E2=$J.' =" "1 =$' /=' $F"E=-' E% I I =' F/O.$F"1' F&=E' #"F" I 1.' F#W' /%E0 1$ "=C' I D.$ F2=C-' =1' 2=' <#1#$' E%"E 2=' "F1 %"F2' E% I I =' / CD%C.' M' F22=$' K ='" F#' /=2M' /=' E=' N#' 2#' .1F 1' F2%$C' / $=E1= I ="1' /= I F" /.' DF$' ! FD%2.%"' $ "%#C' F&%"C' "/ N#.' C%#C' N#=22=C' "% $=C' E%#2=#$C' .&YN#=C' =1' D$.0 <=1' C .1F ="1' ="1=" /#C' D%#$' 2#' /.D= "/$=' 2=C' C# 1=C' "EF2E#2FK2=C' / #"' $=<#C-' =1' 2=' /F"J=$' I I "="1' /# CEO C I =' N#' F22F 1' / & C=$' 2 J2 C=

8#F" /' %"' C%"J=' M' E=1' ="C= I K2=' / =<<%$1C' C' OFK 2=0 I ="1' E%"E=$1.C-' M' E=C' 1=$$ K2=C' FCCF#1C' %#$"=22= I ="1

) ˢ ʰ! ˢ ˢ ˢ 7 ˢ 7

$="%#&=2.C˜ E% 2$=ˢ #"ˢ EF 2 <ˢ 2F CC.ˢ /F"C˜ 2F˜ E% I D2Q1=ˢ
J"%$F"E=ˢ /=ˢ 1%#1ˢ E=ˢ N# ˢ C=ˢ DFCCF 1ˢ O%$C˜ /=C˜ I #$C˜ /=ˢ
CF˜ D$ C%"S˜ N#F"/ˢ %"ˢ C=ˢ 2=ˢ $=D$.C="1=ˢ .D# C.ˢ DF$˜ O# 1ˢ
%#$C˜ / #"=ˢ 2#11=ˢ "E=CCF"1=ˢ C%#1="#=ˢ CF"C˜ FDD# C-ˢ
CF"C˜ E%"C= 22=$C-ˢ CF"C˜ =CD% $˜ /=ˢ C=E%#$C-ˢ CF"C˜ 2#=#$˜
/=ˢ /.2 &$F"E=-ˢ =<<$FL.ˢ /=ˢ 2F˜ D=$CD=E1 &=ˢ /=ˢ 2 F&=" $˜
=1ˢ /=ˢ 2 I I ="C=ˢ $=CD%"CFK 2 1.ˢ N# ˢ F22F 1ˢ D=C=$˜ C#$˜
2# ˢ DF$˜ C# 1=ˢ /=ˢ CF˜ /.1=$ I "F1 %"ˢ N#=22=ˢ N# =22=ˢ <]1-ˢ
%"ˢ =C1ˢ D2#1c1ˢ D%$1.ˢ Mˢ F/ I $=$˜ 2=ˢ E%#$FJ=ˢ /=ˢ 7 E˜ ˢ
N# Mˢ E%"/F I "=$˜ CF˜ <F K2=CC=ˢ -ˢ =1-ˢ / FEE%$/ˢ F&=E˜ C%"ˢ
F"E ="ˢ C=E$.1F $=ˢ / 1F1ˢ 2=ˢ EF$/ "F2˜ 7FEEF-ˢ %"ˢ 1$%#&=-ˢ
D%#$˜ "%#C˜ C=$L $˜ /=ˢ C=C˜ D$%D$=C˜ =WD$=CC %"C-ˢ N#=ˢ E=ˢ
&.".$FK2=ˢ & = 22F$/ˢ .1F 1ˢ dˢ K ="ˢ D2#C˜ / J"=ˢ Mˢ E%#Dˢ C]$˜
/=ˢ E% I DFCC %"ˢ N#=ˢ /=ˢ K2b I =ˢ 5ˢ =D="/F"1ˢ 2=ˢ EF$/ "F2˜
7FEEF˜ 2# + I Y I =ˢ " F˜ F I F C˜ 1%#1ˢ C#˜ /=C˜ CEQ"=C˜ /$F0
I F1 N#=C˜ /=ˢ F&%"=-ˢ EF$˜ 7 =ˢ ˢ " F˜ D#˜ 2=C˜ 2# ˢ $FE%"0
1=$-ˢ 1%#1ˢ ="1 Q$=C-ˢ 1=22=C˜ N# =22=C˜ $=CC%$1="1ˢ D%#$˜ 2F˜
D$= I Q$=ˢ <% C-ˢ /F"C˜ 2=#$˜ 2#J#K$=ˢ 1$ C1=CC=-ˢ /=ˢ 2F˜ E%$0
$=CD%"/F"E=ˢ /#˜ D$.<=1ˢ /=ˢ %"1="%11=

=ˢ " .1F 1ˢ " ˢ #"=ˢ "/ CD%C 1 %"ˢ %$/ "F $=ˢ " ˢ #"=
2.JQ$=ˢ F21.$F1 %"ˢ /=ˢ CF"1.ˢ N#=ˢ 2=ˢ /%E1=#$˜ 7%$1F˜ F&F 1ˢ
$= I F$N#.=ˢ EO=X˜ 2=ˢ DFD=ˢ D=#˜ /=ˢ %#$C˜ FD$QC˜ 2 F$$ &.=ˢ
/=C˜ .&YN#=C-ˢ =1ˢ /%"1ˢ 2˜ C .1F 1ˢ = I D$=CC.ˢ /=ˢ <F $=ˢ DF$1ˢ
Mˢ ˢ /=ˢ OFK$%2ˢ 7 =ˢ ˢ "=ˢ C .1F 1ˢ DFC˜ C=$&ˢ / #"ˢ
D$.1=W1=ˢ I FJ "F $=ˢ D%#$˜ E%"J./ =$˜ 2=C˜ .&YN#=C˜ 2=

)\ I F) *)) - 2%$CN# 2 C .2F 1 D2F "1 /= "= D%#&% $ E%"1 "#=$ M DF$2=$ F&=E =#W / F<<F $=C DF$E= N# 2 F&F 1 ' '.' ') ' H$# ' &.$ 2y =C1 N#= /=D# C D2#C =#$C "# 1C 2= DFD= "= /%$ I F 1 D2#C ' F&F 1 <F 1 1F"1 / FDD=2C M CF C="C K 2 1.- %" F&F 1 C ' C%#&="1 =1 C ' & %2= I I ="1 FJ ' C#$ C=C "=$<C- N#= 1%#1= CF E%"C1 0 1#1 %" C =" 1$%#&F 1 D$%<%"/. I ="1 .K$F"2.. ' 2 F&F 1 /=D# C N#=2N#=C %#$C 2= C="1 I ="1 N# 2 "= C= D%C0 C./F 1 D2#C 2#<+ I Y I =- =1 N# 2 .1F 1 (E= C%"1 2=C =WD$=CC %"C /%"1 2 C= C=$& 1 2# + I Y I = ' '$ '#' " 1 , ' ="/ =W1$F%$/ "F $= " FDDF$#1 1%#1=<% C /F"C C=C <FP%"C =W1.$ =#$=C D="/F"1 1%#1 2= 1= I DC N#= 2=C .&YN#=C /= I =#Q="1 M F&%"= ' 3F"C 2F "# 1 +N# ' D$.E./F 2=#$ /.DF$1 D%#$ 2F $F"E=- 2 F /=+EF I .+ $ =$ N# ' /%$ I F 1 /F"C 2F EOF I K$= E%"1 J#y M E=22= %a $=D%CF 1 2= DFD= 2 ="1=" / 1 D%#$ 2F D$= I Q$= <% C =1=$ /= D$%<%"/C C%#D $C- C FEE#CF"1 2# + I Y I = M OF#1= &% W /F"C 2=C 1=$ I =C /# D2#C & < $=D="1 $ ' 3QC C=D1 O=#$=C /# I F1 "- 2 <F CF 1 FDD=2=$ ' F %$C=- E% I I F"/F"1 /# DF2F C- C "<%$ I F"1 F&=E #"= "N# .0 1#/= =W1$Y I = C ' 2=C .&YN#=C .1F ="1 DF$1 C- =1 <F CF 1 D$ =$ 2= D$.<=1 /= %"1="%11= /= DFCC=$ I I./F1=0 I ="1 EO=X 2# ' &F"1 N#E ' /= OFK$%2 "= <]1 F$$ &.- 7 = ; ' I F"/F /=$=EO=< F#D$QC /= 2#' ' F %$C=- =1 1%#1 /= C# 1= 2 2#' =WD2 N#F F&=E K=F#E%#D / . I %+

"*‘ ‘ ! ‘ ‘ ‘ 7 ‘ 7

1 %"‘ N# 2‘ " F&F 1‘ DFC‘ <F 1‘ F11="1 %"‘ 2F‘ &= 22=‘ F#W‘ /=$0 " Q$=C‘ 2 J"=C‘ /=‘ 2F‘ "%1=‘ N#‘ 2#‘ F&F 1‘ .1.‘ 2F CC.=U‘ N# 2‘ "=‘ D%#$$F 1‘ L‘ FEE./=$-‘ N# 2‘ <F22F 1‘ D$.&=" $‘ 2=C‘ .&Y0 N#=C‘ DF$‘ E%#$$ =$-‘ =1-‘ D$ F"1‘ 2=‘ E% I I F"/F"1‘ /# DF2F C‘ /=‘ C FCC=% $‘ D="/F"1‘ N# 2‘ E%$$ J=F 1‘ #"=‘ FD%C1 22=‘ .E$ 1=‘ M‘ 2F‘ I F$J=‘ /=‘ 2F‘ "%1=‘ N# 2‘ 1="F 1‘ M‘ 2F‘ I F "-‘ 2‘ C=‘ I 1‘ M‘ L‘ F %#1=$‘ 1F"1‘ /=‘ E%$$=E1 %"C‘ =1‘ / "1=$2 J"=C-‘ N# F# I % I ="1‘ %a‘ F$$ &F 1-‘ #"=‘ /= I +O=#$=‘ FD$QC-‘ ‘ /=‘ OFK$%2-‘ E=11=‘ "%1=‘ .1F 1‘ /=&="#=‘ 1$QC+/ 2OE 2=‘ M‘ E% I D$="/$=

"‘ O% I I =‘ D$#/="1‘ N# 2‘ .1F 1-‘ 2=‘ D$.<=1‘ /=‘ %"1=+‘ "%11=‘ C=‘ JF$/F‘ K ="‘ / F %#1=$‘ F#‘ 1$%#K2=‘ /#‘ CF "1+‘ DQ$=‘ ="‘ 2=‘ E%"1$=/ CF"1‘ #CC‘ K ="‘ 2‘ 2#‘ F&F 1‘ 1$%#&.‘ 1%#1‘ / FK%$/-‘ .E$ 1+ 2‘ M‘ ‘ J%1-‘ d 2 F21 1#/=‘ / #"‘ O% I I =‘ N#‘ F‘ D$ C‘ #"‘ DF$1‘ =1‘ N#‘ "=‘ &=#1‘ .E%#1=$‘ F#E#"=‘ $F C%"‘ E%"1$F $=‘ 5 =C1‘ D%#$N#%‘ 2‘ D$ 1‘ C I 0 D2= I ="1‘ 2F‘ "%1=‘ /=C‘ I F "C‘ /=‘ 7=‘ 2-‘ =1‘ C=‘ $=1 $F‘ D%#$‘ 2F‘ /.EO <<$=$‘ F&=E‘ 2=‘ /%E1=#$‘ 7%$1F‘ ="1c1‘ 2=‘ DFD=‘ 2=‘ <1‘ $FDD=2=$‘ =11=‘ <% C‘ E=‘ " .1F 1‘ D2#C‘ /F"C‘ 2F‘ /=$" Q$=‘ DO$FC=‘ /=‘ 2F‘ "%1=-‘ E .1F 1‘ /F"C‘ 2=‘ D$= I =$‘ F$1 E2=‘ N#=‘ 2=‘ CF "1+DQ$=‘ &%LF 1‘ #"=‘ J$F"/=‘ / << 0 E#21.‘ d 2‘ E%"&="F 1‘ N# 2‘ F&F 1‘ K ="‘ 2#‘ E=1‘ F$1 E2=-‘ I F C‘ P F&F 1‘ .1.‘ #"=‘ =$$=#$‘ /=‘ CF‘ DF$1‘ I 2‘ .1F 1‘ ".E=C+

)‘ =11$=‘ Z2=‘ ‘ Z2=‘ K$%2‘ F#‘ I " C1$=‘ /=C‘ E#21=C-‘ I F‘ {)*))

CF $=' N# M E=2' F$1 E2=' %"" ="" C#KC1 1#b1' #"" F#1$=' 5
' /=' OFK$%2' /.C=CD.$.' /=' &% $' C .EOFDD=$' 2=' <$# 1'
/=' 1%#1=C' C=C' D= "=C-' $= I %"1$F' /%#E= I ="1' M 7 =' ; <
N#=' E=C' E%"1 "#=22=C' &F$ F1 %"C' E% I D2 N#F ="1' C "J#0
2 Q$= I ="1' #"=' ".J%E F1 %"-' =1' M <%$E=' /=' $F C%""=0
I ="1C' 2' D=$C#F/F' F#' CF "1+DQ$=' /=' C=' EF2 I =$' #"" D=#-'
D$% I =11F"1' /=' $=&=" $' /F"C' #"=' O=#$=' ' # K%#1' /='
E=' 1= I DC-' ' /=' OFK$%2' 1$%#&F' /=' "%#&=F#' 7 =' ; <
/F"C' #"=' FJ 1F1 %"" =W1$Y I =' d 2' I=' / 1' N# 2' F&F 1'
D$.&D$ N#.-' N# 2' L' F&F 1' /F"C' 2F' /=$$#Q$=' DO$FC=' %a'
2' .1F 1' N#=C1 %"" /#' J%#&=$"= I ="1' /=' 2 J2 C=' m"='
1FEO=' / O.$.C =-' N# 2' F I =$F 1' E="1' <% C' I =#W' 2F'
I %$1-' N# 2' " F&F 1' DFC' FEE./.' M E=' /=$" =$' F$1 E2=-'
N# 2' .1F 1' ".E=CCF $=' N#=' =WD./ FCC=' #"" E%#$$ =$' F#W'
.&YN#=C' D%#$' 2=' <F $=' C#DD$ I =$ ' 7%#$' 1%#1' 2=' $=C1=-'
2' L' 1 =" / $F 1S ' I F C' E=11=' C#DD$=CC %"" .1F 1' FKC%2#0
I ="1' ".E=CCF $=' 2' <=$F 1' D2#1c1' #"" .E2F1' D%#$' <F $='
E%""FZ2$=' C=C' "1="1 %"C@ ' 5 7=#' M D=#' ' /=' OFK$%2'
DF$& "1' M 1$F"N# 22 C=$' C%"" I F2O=#$=#W' "1=$2%E#1=#$-'
C#$1%#1' ="" 2#' /%""F"1' 2 FCC#$F"E=' N# 2' F22F 1' .E$ $='
F#W' .&YN#=C' =' 2="/= I F "" 2=' DFD=' .1F 1' "%"" I % "C'
"=$&=#C= I ="1' .K$F"2.' 2' FCC#$F' ' /=' OFK$%2' d N# 2'
" F&F 1' DFC' /# 1%#1' /%$ I ' 2F' "# 1' D$.E./="1=-' =1' N# 2

' =21 =' /=' ' 12=' 2 FK$%2' F"" I " C1$=' /=C' E#21=C-' ' I F')*))

N‘ ‘ ‘ ‘ ‘ ‘

=‘“ F&F 1‘ =#‘ 2=‘ 2=“ /= I F ‘“ 2F‘ 1c2=‘ 1$QC+<F1 J#.=‘ N# 2‘ .1F 1‘ /F“C‘ 2 .1F1‘ / #‘“ O% I I =‘ M‘ I % 1 .‘ &$=‘ 2‘ 1=“F 1‘ K=F#E%#D‘ M‘ E=‘ N#=‘ 2 %‘“ C]1‘ K =‘“ D%C 1 &= I =“1‘ N# 2‘ F&F 1‘ E%“C /.$.‘ 2F‘ “%1=‘ N#‘ 2#‘ F&F 1‘ .1.‘ $= I C=‘ “%‘“ E% I I =‘ #‘“ 1$F 1.‘ %# E% I I =‘ #‘“ D$.2 I “F $=‘ /=‘ 1$F 1.-‘ I F C‘ E% I I =‘ #“=‘ C%$1=‘ / .KF#EO= ‘ =‘ /%E1=#$‘ 7%$1F ‘ C FD=$P% 1‘ N#=‘ 2=C‘ “N# .1#/=C‘ /# DFD=‘ 2#‘ $=& =“ “=“1‘ C%#&=“1‘ DF$E=‘ N# 2‘ I./ 1=‘ D$%<%“/. I =“1‘ =1‘ D$=“/‘ F2%$C‘ #‘“ $=JF$/‘ < W=‘ 2‘ =C1‘ D%$1.‘ M E$F “/$=‘ N#=2N#=‘ F<<=E1 %‘“ OLD%E%“/$ FN#=‘ 2‘ =CDQ$=‘ 1%#1=<% C‘ N# =22=‘ “ Fm#$F DFC‘ 2 =#‘ 5 F2O=#$=#C= I =“1‘ E=C‘ D$.& C %“C‘ /# /%E1=#$‘ 7%$1F‘ “=‘ C=‘ &.$ < Q$=“1‘ D% “1‘ 8#=2N#=C‘ %#$C‘ D2#C‘ 2F$/‘ 2‘ .1F 1‘ %K2 J.‘ /=‘ E%“C1F1=$‘ d N#=‘ 2=‘ D%#2C‘ /# DFD=‘ .1F 1‘ “.JF2-‘ N#=‘ C%“‘ FDD.1 1‘ / I “#F 1‘ 2‘ %KC=$0 &F 1‘ N#=‘ 2=‘ DFD=‘ E%#DF 1‘ DF$<% C‘ CF‘ E%“&=$CF1 %‘“ D%#$ $=C1=$‘ #“ N#= I =“1‘ F11=“1 <M‘ #“=‘ I Y I =‘ D=“C.=‘ D# C‘ C%$1F 1‘ 1%#1‘ / #‘“ E%#D‘ /=‘ E=11=‘ FKC%$D1 %‘“ E% I I =‘ / #‘“ $Y&=‘ “< ‘“ 2‘ $= I F$N#F 1‘ 1%#C‘ 2=C‘ C J“=C‘ / #“=‘ F<<=E0 1 %‘“ OLD%E%“/$ FN#=‘ N#‘ D%#$$F 1‘ 1=“/$=‘ M‘ F21.$=$‘ 2=C‘ <FE#21.C‘ /# E%$DC‘ =1‘ /=‘ 2 “1=22 J=“E=‘ @‘ 5

3=‘ C%‘“ Ec1.‘ ‘ /=‘ OFK$%2‘ F&F 1‘ $= I F$N#.‘ M‘ D=# D$QC‘ 2=C‘ I Y I =C‘ CL I D1c I =C‘ =‘ ‘ I % -‘ 2‘ C .1F 1‘ $=“/# EO=X‘ 2=‘ CF “1+DQ$=$‘ I F C‘ 1%#1‘ E=‘ N# 2‘ F&F 1

6‘ “))(“ -“ ‘ -“ E%J(&‘ %‘ 7 +(“ -“+# ##$+“ 7%‘ 6:66

=CCFL.' /= 2#' / $= " F&F 1 DF$#' D$%/# $= F#E#"=
I D$=CC %"' d = DFD= I F / 1 N# 2 "= C= <=$F 1 E=$+
1F "=" ="1 $ ="' $ N# 2 "= E%"E=&F 1 DFC E% I I ="1 2
.1F 1 E%"&="#' /= E=C / &=$C F$1 E2=C- N#= E=2F F&F 1
.1.' /= CF DF$1 $ ') ' N# 2 <F22F 1 N# 2 <]1 /' + D
' #' , ' : F' DF$2.' ="' C%$1F"1 /= EO=X 2#' M C%"'
I ./=E "- N#' I F / 1 N# 2 2= 1$%#&F 1 1F"1c1 1$F"0
N# 22= =1 1F"1c1 1%#$ I ="1.' E% I I = = &="F C /= 2=
&% $- =1 N# 2 = I D2%LF 1 N#=2N#=C $= I Q/=C D%#$ 2#'
$."/$= 2= EF2 I = 5

d = DFD= =C1 1%# %#$C /F"C 2= I Y I = .1F1- $FE%"1=
#"' D=#' D2#C 1F$/' ' /= OFK$%2- 2 "= C =WD2 N#= C#$
$ ="' =1 JF$/= #"' D$%<%"/' C 2="E= F&=E 1%#1 2=
I %"/=' 5 = D$.<=1 /= %"1="%11= FLF"1 EO=$EO.' M
I =11$= 2F E%"&=$CF1 %"' C#$ 2= E%"E 2= "F1 %"F2- N#'
F&F 1 .1.' E%"&%N#.' D%#$ 2= B # "- =1 N# M E=11=
.D%N#= 2 /=&F 1 C#DD%C=$ D$Y1 M C= $.#" $ M 7F$ C-
N#% N# %"' <F 1 2 =]1 .1.' $=1F$/.' #CN# F#)\- 2= DFD=
"= $.D%"/ 1 FKC%2# I ="1 $ ="' d KC%$K.' /F"C #"'
E% I D2=1 C 2="E=- 2 F <=$ I .' 2=C L=#W /F"C 2 F21 1#/=
/ #"' O% I I = N#' $.<2.EO 1 D$%<%"/. I ="1- =1 " ="' =C1
C%$1' N#= D%#$/ $= $ $ $ + 'U ' 1 ' ' H #'
:= 2#' F' / 1 /= D$="/$= D2#C E%"< F"E= ="' E= N# 2

) ' =11$= /= ' /= OFK$%2 F# I " C1$= /=C E#21=C- I F ')*))-
; '))

) ' ' ! ' ' ' 7 ' 7

F&F 1' F/%D1.' /F"C' CF' E%"CE ="E=-' N#' " F&F 1' K=C% "' "' /=' C J"F1#$=C-' "' /=' E%"&="1 %"C' <F 1=C' DF$' 2=C' 2% C' E & 2=C' ' I F' $.D%"/#' N#=' /=D# C' E=' I % I ="1' 2' F&F 1' D=$/#' 1%#1' $=D%C-' =1' 2' =C1' 1% I K.' /F"C' 2F' I Y I =' FKC%$D1 %"' 5

%#1=C' 2=C' /.DYEO=C' /#' D$.<=1' /=' %"1="%11=' N#=' "%#C' &="%"C' /=' E 1=$' C%"1' %<< E =22=C' 3F"C' #"=' 2=11$=' DF$1 E#2 Q$=' F/$=CC.=' M' ' J%1' /=' 7$.F I ="=#-' M' #"' I % I ="1' %a' 2' E$%LF 1' D$. I F1#$. I ="1' N#=' 2F' I F2F/ =' /=' 7 =' ' F&F 1' D$ C' < "-' q ' /=' OFK$%2' C =WD2 N#=' D2#C' E2F $= I ="1' C#$' 2 .1F1' $.=2' /=' 2F' CF"1.' /#' DFD=-' =1' D$%"%"E=' #"' I %1' N#' " F#$F 1' DFC' 1$%#&.' D2FE=' C%#C' "%1$=' D2# I =-' C 2' "=' C=' 2 CF 1' / FK%$/' /F"C' 2F' E%$$=CD%"/F"E=' "1 I =-' I F C' F#1O="1 N#=-' /#' D$.<=1' /=' 2 = I D $=' ' d' =11=' 2=11$=' .1F"1' E%"< /="1 =22=-' =' E$% C' ".E=CCF $=' /=' <F $=' E%""FZ1$=' M' ; %1$=' WE=22="E=' N#' 2' =C1' I D%CC K2=' /=' 1$F 1=$' F&=E' 2=' DFD=' CF"C' N#' 2' C% 1' ="& $%""." / #"' E%"C= 2' F#CC' CFJ=' N#=' <=$ I =-' F<"' /=' 2=' I F "1=" $' E%"C1F I I ="1' /F"C' 2F' I Y I =' $.C%2#1 %"' ; %#C' F#$=X' &#' DF$' I =C' /=$" Q$=C' 2=11$=C' N#=' 2 "E=$1 1#/=' /#' DFD=' N#F"/' 2' =C1' 2 &$.' M' 2# +' I Y I =' &F U$ %$(/' '# ' ' '# " ' ' & ' ! ' + + ' ' (# ' ' + ' ' " # ' ='1 2 "0 / CD%C 1 %"' DOLC N#=' =C1' I % "C' J$F&=S' I F C' 1%#1' F""%"E=' N#' 2' <F#1' ".E=CCF $= I ="1' /=C' C%#1 ="C' M' #"

8 ' O L) {)

=CD$ 1' F<<F K2 ' =2' M' #"=' E%"CE ="E=' % I K$FJ=#C=' 5
"C ' /%"E-' /=' 2 F&=#' /=' 2 #"' /=C' D2#C' /.&%#.C'
C=$& 1=#$C' /=' ! FD%2.%"-' /=' 2 FJ="1' 2=' D2#C' "1 I = I ="1'
=1' 2=' D2#C' FE1 &= I ="1' I Y2.' F#' C=E$=1' /=' 1%#1=C' E=C'
/.D2%$FK2=C' F<<F $=C' /=' F&%"=-' 2=' EO=<' /=' 2 J2 C='
EF1O%2 N#=' .1F 1' /=&="#' <%#-' <%#' DF$' C# 1=' /=' 2F' C.N#=C0
1$F1 %"' %a' 2 F&F 1' 1="#-' 2% "' /=' 1%#1=' =CDQE=' /=' E%"C= 2'
=1' / FDD# -' 2=' C%#&=$F "' O=#$=#W' =1' 1$ % I DOF"1' N#'
F<< EOF 1' D% I D=#C= I ="1' F#W' # 2=$ =C' 2 %$J#= 2' /='
CF' "%K2=' F22 F"E=' F&=E' #"=' F$EO /#EO=CC=' / #1$ EO='
=1' 2=C' % =C' /=' CF' $.E="1=' DF1=$" 1.-' <%#' DF$' C# 1='
/=C' 1%$1#$=C' I %$F2=C' N# I D%CF 1' M' CF' E%"CE ="E='
/=' D%"1 <=' #"' D%2 1 N#=' N#' .1F 1' D%#$' C%"' E% I D1='
F<<$F"EO ' /=' DF$= 22=C' D$.%EE#DF1 %"C ' ' 2F' $F C%"'
/#' CF "1+DQ$=' F' D#' C% I K$=$' #"' "C1F"1' /#$F"1' E=11='
<%$ I /FK2=' .D$=#&=-' E=#W+2M' C ="' F<<2 J=$%"1' CF"C'
D%#&% $' C ="' .1%" "=$' N#' CF&="1' M' N#=2' D% "1' 2F'
/.K 2 1.' I F2F/ &=a=' 2F' DF#&$=' "1=2: JE"E%' O# I F "='
C=' I =C#$=' C%#&="1' M' 2 .2.&F1 %"' I Y I =' /=' 2 =CD$ 1-' M'
2F' C="C K 2 1.' D2#C' =WN# C=' /=' 2F' /.2 EF1=CC=' I %$F2=-'
=1' E% I I ="1-' DF$ I ' 2=C' /F"J=$=#C=C' C=E%#CC=C' N#'
D=#&="1' /.$F"J=$' #"' C ' <$FJ 2=' .N# 2 K$=-' 2' " L' ="' F'
DFC' /=' D2#C' 1=$$ K2=C' N#=' E=22=C' N#' C%$1="1' /=C' D$%+

) ' '/=' OFK$%2' F#' I " C1$=' /=C' E#21=C-' * ' I F ' {)*))

) ,

<%" /=#$C /=2M E%"CE ="E=- DF$1 E#2 Q$= I ="1 /=- 2F E%"0 CE ="E=- $=2 J =#C= % I K ="" /%#2%#$=#C=C =1 E% I K ="" I =#$1$ Q$=C-- DF$<% C C%"1 2=C E$#=22=C D=$D2=W 1.C %a C FJ 1="1 E=C "F1#$=C / .2 1=- N#=- 1%#$ I ="1="1 "E=C0 CF I I ="1 /=- D =#W CE$#D#2=C J"%$.C 2=- D2#C C%#&="1 /# &#2JF $=- =1 D%#$ /=- C 1=$$ K2=C E% I KF1C- N#=2 EOF I D E2%C N#=- 2F E%"CE ="E=- / #"" DFD=- $.J#2F1=#$ C%#&=$F "" M C=C D$%D$=C L=#W /=- 1F"1 / F#1$=C E%"0 CE ="E=Cs =- I F2O=#$=#W 7 =- 22- / .1$c" .- EFD1 < =1 I F2F/=- D2 F 1 F&=E O%" "=#$ C%#C 2=- D% /C FEEFK2F"1 /=- 2F C 1#F1 %"" N#=- 2# F&F 1 <F 1=- CF"C N# 2 =""" <]1 $=CD%"CFK2=- 1F E%"C1 1#1 %"" C.E#2F $=- /=- 2 J2 C=- EF1O%2 N#= 8#F"1 M 2 = I D=$=#$- N# F&F 1 1%#1 = I 0 D%$1. /=- OF#1=- 2#11=- E%"1$=- 1%#C C=C F/&=$CF $=C- N# F&F 1 I C 2=- E%"1 "="1 ="1 =$ M C=C D =/C- C=C C# =1C C%#C 2=- %#J- N# 1="F 1 2 J2 C=- JF22 EF"=- M CF I =$E =1 &="F 1 /=- <F $=- E./=$ 2=- DFD=- 2# + I Y I =- 2 C=- 1$%#&F 1- M 2F &= 22=- /# E%"E 2=- "F1 %"F2- D2FE. DF$ CF D$%D$=- <F#1=- & C+M+& C /=- 2 #$%D=- /=- C=C C# =1C =1 /=- 2 J2 C=- JF22 EF"=- /F"C 2F D2#C <F#CC=- /=C D%C 0 1 %"C 2 D%CC./F 1 #"=- C%$1=- /=- 1$F 1. F$$FEO. DF$ 2F & %2="E=- F# CF "1+DQ$=- 2 "=- D%#&F 1 2=- D$%/# $=- D# CN#=- E=2# +E 2=- /. I ="1F 1 F# %#$/ O# OF#1=0 I ="1- =1 I ="FPF 1- C 2 %"" ="" <F CF 1 #CFJ=- /=- D$%0 &%N#=$ N#=2N#=- 1=$$ K2=- .E2F1 "E%$=- I % "C D%#&F 1+

2 E%"&=" $ /=2 .1F1 %a C=C & %2="E=C F&F ="1 I C 2=
EO=</=2F EF1O%2 E 1. ' =$".'F# I 2 =# /=1F"1 / = I 0
KF$$FC N# 2 F&F 1 M D2F C $ FEE# I #2.C F#1%#$ /=2# '
! FD%2.%"" D$ 1 / FK%$/' 2= DF$1 ' / F %#$"=$ N#=2N#=
D=#-' /# B F#)\' # "-2F E%"&%EF1 %"" /# E%"E 2='
%#$"=$ E=D="/F"1 " .1F 1 DFC $.C%#/$=-'=1 2=) \' # ""
2=C I Y I =C / << E#21.C C='/$=CCF ="1 ="E%$='1%#1 ="1 Q$=C
/=&F"1 2# ')) "%#C $=C1= I F "1="F"1 M / $= E% I I ="1
2 "=DF$& "1 F I F C M 2=C C#$ I %"1=$ =C .&."= I ="1C
2F I ="1FK2=C /= F&%"=-' N# ' & =""="1 / Y1$= D%#$ 2F
D$= I Q$= <% C D%$1.C M 2F E%""F CCF"E= /# D#K2 E-'
/=& "$="1 ="" =<<=1-' E% I I =%"" &F K ="1c1 2= &% $-' 2F
EF#C= D$ "E DF2= /= 2 F&%$1= I ="1 /.< " 1 < /# E%"E 2=
/=)*))

7 ' G ;

' ! ' ! !

3 CD%C 1 %"C /=2 = I D=$=#$ & C M+ C /# E2=$J.' F# I % I ="1 /=2 F# E%"&%EF1 %"' /# E%"E 2=' "F1 %"F2' 6'))) EO=$EK=' C#$2%L1 M2 "1 I /=$' 6' EQ"=' <F 1=' M2 .&YN#=' /=' .=X M 2="P%"' 6' 2 %K2 J=' ' /=' % C O% 2=1 /%"'"=$' CF /. I CC %" 6' $$=C1F1 %"' /=2 FKK.' =' F22% C =1' CF /.1="1 %"' M ; "E="'"=C' 6' .DF$1 =' I .D$ CF"1=' /=' $1R$F =$= $' M ' /=' $%J2 =-' .&YN#=' /=' F"/' 6' .#" %"C D$.2 I "F $=C /=C .&YN#=C EO=X 2=' EF$/ "FZ =CEO-' N# ' $=<#C=' / Y1$=' D%$1.' M 2F D$.C /="E=' /# E%"E 2=' DF$' C=C E%22QJ#=C-' =1' $=&="/ N#=' E=1' O%"'"=#$' E% I I =' 2# ' FDDF$1="F"1' /=' /$% 1' 6' F E% I D%C 1 %"' /# E%"E 2=' /=')))' "=' #C1 =' DFC 2=' 1 1$=' /=' E%"E 2=' "F1 %"FZ N# ' 2# ' =C1' "/] I ="1 FDD2 N#. ' 6' %#&=$1#$=' /'" E%"E 2=' =C1' D$.E./.=' DF$' 2 %#&=$1#$=' /=' 2F C=CC %"' 2.J C2F1 &=' 6' 7F$%2=C F/$=CC.=C DF$' 2 = I D=$=#$ F#W /.D#1.C /=2 F "F1 %"' $=2F1 &= I ="1 F#W F<<F $=C /=' 2F $=2 J %"' 6' 22=C "/ CD%C="1 2=C .&YN#=C /# E%"E 2=' 6' 7$= I Q$=' C=CC %"' /# E%"E 2=' 1="#=' D#K2 N#= I ="1 M ! %1$=+3F I =' 6 3 CE%# +C /=2 .&YN#=' /=' $%L=C 6' =$ I ="1 /%K. CCF"E=' F"' DFD=' D$Y1.' DF$' 1%#C 2=C I = I K$=C /# E%"E 2=' 6' #$D$ C=' =1' " .E%"2=#1= I ="Z /=' 2 = I D=$=#$' 6' =D$%EO=C' N# 2 F/$=CC=' F# EF$/ "FZ =CEO' 6' 2 ="&% =' 2=C I " C1$=C /=C E#21=C /=' $F"E=' =1' / 1F2 =' ="' N#F2 1.' /=' E% I I CCF $=C I D.$ F#W "#D$QC /# E%"E 2=' 6' =CCFJ=' 2# DF$') J%1' /=' 7$.F I ="=' 6' =' I =CCFJ=' D2= '" / F KFCF1 %"C &%2="1=C E%"1$=' 2=' DFD=' =11=' 2F E%"C1=$"F1 %"' DF$ I ' 2=C I = I K$=C /# E%"E 2=' 6' ! % I "F1 %"' DF$ 2F &% =' /# CE$#1 "' /=' D2#C =#$C E% I I CC %"C EOF$J.=C /=' D$.DF$=$' 2=C 1$F&F#W /# E%"E 2=' 6' =C EO% W <F 1C "=' C%"1 DFC E=#W N# F#$F 1' /.C $.C 2 = I D=$=#$ 6' "C1$#E1 %"C N# 2 F/$=CC=' DF$' .E$ 1' F# I " C1$=' /=C E#21=C /=' $F"E= 6' ! FD%0 2.%"' &=#1' $=C1=$ I FZ1$=' /=C /.2 K.$F1 %"C /# E%"E 2=$ 2 ="1=" /' " L' $ ="' 2F C0 C=$ I =11$=' ="' / CE#CC %"' N# F&=E C%"' FCC="1 I ="1-' =1' D$.C="1' =" 1%#1' E=' N# ' $=JF$/=' 2=C F<<F $=C $=2 J =#C=C 2=' D2#C FKC%2# C 2="E=

"' D%CCQ/=' D=#' /=' /%E# I ="1C C#$ 2=' E%"E 2=' "F1 %0 "FZ /=')*)) ' ' /=' F$$F ' ="' DF$2=' M D= "=' /F"C CEC I H+ ' '5 ' %$ ' %#C C=C E%22QJ#=C %"1' I 1.

C%"' / CE$=1' C 2="E=' #E#"' F#1=#$' =EE2.C FC1 N#=' "=' C =C1-' M' "%1$=' E%""F CCF"E=-' E% I D2#' M' $FE%"1=$' =" ' /.1F 2' 2=C' / CE#CC %"C' "1.$ =#$=C-' DF$<% C' C ' . I %#0 &F"1=C-' 1%# %#$C' C ' E#$ =#C=C-' /=' 2F' /%E1=' FCC= I K2.='))' C= I K2=' D2#1c1' N#=' 2=' E2=$J.' <$F"PF C' F 1' .1.' K =" ' F C=' /=' 2F CC=$' D=$/$=' F#1F"1' N#=' D%CC K2=' 2=' C%#&=" $' / #"=' $.#" %"' <F I =#C=' %a' D$=CN#=' 1%#C' C=C' EO=<C' %"1' =#' 2=' I F2O=#$' / FEE=D1=$' /=C' $c2=C' N#' "=' < $="1' F2%$C' K=F#0 E%#D' / O%""=#$' " ' M' 2F' / J" 1.' /=' 2=#$' EF$FE1Q$=' " ' M' 2F' D=$CD EFE 1.' /=' 2=#$' =CD$ 1' =2F' C=' E%"P% 1' =D="0 /F"1' E=22=' $F C%"' " =C1' DFC' 2F' C=#2=' "C ' N#=' "%#C' 2 F&%"C' "/ N#.' /F"C' "%1$=' /=$" =$' EOFD 1$=-' 2 FKC%2#' C=E$=1' C1$ E1= I ="1' JF$/.' M' 2 .JF$/' /=C' .&."= I ="1C' C ' J$F&=C' N#' &="F ="1' /=' C=' DFCC=$' M' F&%"=' F' /.$%#1.' 1%#C' 2=C' E%"1= I D%$F "C' /#' D$= I =$' = I D $='))' "=' 2=#$' F' D% "1' D=$ I C' /=' CF C $' DF$<F 1= I ="1' 2=C' I %1 <C' /=C' CEQ"=C' %$FJ=#C=C-' /=C' D.$ D.1 =C' .1$F"J=C ' N#' C=' /.0 $%#2F ="1' C%#C' 2=#$C' L=#W-' " ' /=' $ =" ' E% I D$="/$=' C#$1%#1' F#' K$#CN#=' /."%a I ="1' /#' /$F I =-' EF$' 2=' "n#/' I Y I =' /=' 2 FE1 %"' 2=#$' .EOFDDF 1-' =1-' D%#$' C=' $=E%"0 "FZ1$=' /F"C' E=' 2FKL$ "1O=-' F#E#"' / =#W' "=' D%CC./F 1' 2=' <2' E%"/#E1=#$' N#' F' .1.' I C' ="1$=' "%C' I F "C' DF$' 2F' E%$$=CD%"/F"E=' /=' ' /=' OFK$%2' =' &FJ#=' "C1 "E1' N# 2C' J"%$="1' N#=2N#=' EO%C=' / I D%$1F"1' M' E%""FZ1$=' C=' <F 1' %#$' EO=X' 2F' D2#DF$1' /=C' .E$ &F "C' N#' %"1

6=

DF$2. I Y I = K$ Q&= I ="1 /= E=1 .D C%/= /= 2 O C1% $= =EE2.C FC1 N#= /= $F"E=- =1 2=#$ = I KF$$FC =C1 DF$<% C =W1$Y I =) =C1 & C K2= EO=X : F#<<$=1- <$Q$= /= 2 FKK. :F#<<$=1- "% I I . DF$ 2 = I D=$=#$ M 2 .&YEO. /Q =1X ="

) * - =1D2#C 1F$/ M 2 F$EO=&YEO. / W =1 F"E ="EO=< /# C=E$.1F$ F1 /= 7%$1F2 C F# I " C1Q$= /=C E#21=C- /=&="# K ="1c1 C=E$.1F $= J."$F /# I Y I = /.DF$0 1= I ="1 C%#C J%1 /= 7$.F I ="=#- =CD$ 1 C%K$= =1 CFJFE=- / %$/ "F $= DF$<F 1= I ="1 "<%$ I .- " F DFC E%"CFE$. I % "C /= 1$% C &%2# I =C F#W F<<F $=C "1.0 $ =#$=C /= 2 J2 C= /= $F"E= D="/F"1 2=C D$= I Q$=C F"".=C /# WW~ C QE2= 3F"C E=C &%2# I =C $= I D2 C /= $="C= J"= I ="1C <%$1 =WFE1C- :F#<<$=1 C= I %"1$= 1%#1 M E%#D 1$QC+D=$D2=W= N#F"/ 2 ="F$$ &= M 2 %#0 &=$1#$= /# E%"E 2= /=)*))- =1 2=C $.<2=W %"C- /# $=C1= <%$1 CFJ=C- DF$ 2=CN#=22=C 2 ="1F I = C%"C# =1- /. I %"0 1$="1 N# 2 "= D%CC./F 1 M F#E#"= /=J$. 2= C=E$=1 /=C CEQ"=C F<<2 J=F"1=C $FE%"1.=C DF$ 2= D$.<=1 /= %"1=+ "%11=

d 3 FD$QC 2F "%1= $./ J.= M F&%"=- 7 = ; - $= I F$0 N#= :F#<<$=1- E%"C="1F 1 M "C1 1#=$ 2=C "%#&=F#W .&YN#=C =1 M "&=C1 $ 2=C I .1$%D%2 1F "C /# D%#&% $ /= E%"< $ I =$ ="C%"" % I E=#W N# 2 " F#$F 1 DFC "C1 0 1#.C 2# + I Y I = /F"C 2=C C W I % C /= 2=#$ "% I "F1 %"" D%#$ /=C EF#C=C F#1$=C N#= 2=#$ "/ J" 1. D=$C%""=22=

' ' , ' ' $' ! ! ' , "' !' $' 'R' 5
"C' 2=' D$ "E DF2' = I D2%L.' /#' I " C1Q$=' /=C' E#21=C'
C%#C' 2 = I D $=-' E=2D' N#' DF$' 2F' "F1#$=' /=' C=C' F11$ K#0
1 %"C' F#$F 1' /]-' C' /=' DF$= 22=C' E%"< /="E=C' F&F ="1'
.1.' D%CC K2=C-' Y1$=' 2=' I =#R' "C1$# 1' /=' 1%#1=C' EO%C=C-'
"=' CF&F 1' I Y I =' DFC' ="E%$=' ="')* -' .D%N#=' /=' 2F'
D#K2 EF1 %"' /=' C=C' #+ ' /=' N#=22=' <FP%"' 2=' I F20
O=#$=#W' 7 =' ; ' F&F 1' .1.' I % I ="1F". I ="1' E%" /# 1' M'
FEE=D1=$' 2F' "%1=' 2F CC.=' ="1$=' C=C' I F "C-' =1' E% I I ="1-'
M' 2 O=#$=' /=' 2F' E%"&%EF1 %"' /#' E%"E 2=-' 2' "=' C%"J=F 1'
D2#C' N# M' 2F' /.CF&%#=$' OF#1= I ="1

FOK.' /=' 7$F/1-' E=1' "1=$ I ./ F $=' C' X.2.' N#=' 2 = I D=$=#$' F22F 1' FE1 &= I ="1' = I D2%L=$' /F"C' 2=C' ".J%0 E F1 %"C' 2=C' D2#C' C=E$Q1=C' =1' 2=C' I % "C' F&%#FK2=C' F&=E' 2=C' I = I K$=C' /#' E%"E 2=-' " ="' CF&F 1' DFC' 2# + I Y I =' F2%$C' /F&F"1FJ=' "')*)B-' 2' J"%$F 1' ="E%$=' 2F' "F0 1#$=' /=' 2F' I F2F/ =' N#' F&F 1' .K$F"2.' 2 =CD$ 1' /=' 7 =' ; ' M' F&%"=-' =1' 2=C' E%"C.N#="E=C' N#' C ="' .1F ="1' C# & =C' 3F"C' 2=' EOFD 1$=' %a' 2' DF$2=' /=' 2F' $.#" %"' /#' E%"E 2=' /=')*))-' %"' 2=' &% 1' ="' =<<=1' C=' /.C%2=$' /#' C 2="E=' %KC1 ". I ="1' JF$/.' DF$' ! FD%2.%"' & C+M+& C' /=C' .&YN#=C' /=' C%"' = I D $=-' d C 2="E=-' F %#1=' 2 F$EO=&YN#=' "% I I .

) ' # + ' 5 ' % $ ' C#$' 2=C' F<<F $=C' =EE2.C FC1 N#=C' /=' $F"E=' D=" /F"1' 2=C' D$= I Q$=C' F"".=C' /#' W W C QE2=-' 1' -' D' ,

DQ$=' 2 I D%$1F 1 F# D2#C OF#1 D% "1 N# %" "= Da1 FKC%2# I ="1 $ =" E%"E2#$=- -=" N#=2N#= C="C N#=E= <]1- /=C DF$%2=C N#' 1% I K=$F ="1 /= 2=#$C 2Q&$PC- =1 E=C I =CC =#$C 2=C I ."FJQ$="1 F&=E 1F"1 / F$1- N# F# C%$1 $ /=C E%"<.$="E=C 1="#=C F&F"1 2F $.#" %" /# E%"E 2= EO=X 2= EF$/ "F2 =CE2 - F#E#" /= 2=#$C E%22Q0 J#=C "= D#1 F I F C $ =" FDD$=" /$= /= D$.E C C#$ 2= $.C#21F1 < "F2 /= 2=#$ I CC %"

=D=" /F"1 2=<F 1 C=#2 /= 2F $.#" %" /# E%"E 2=- /%"1 2 %#&=$1#$= F&F 1 .1.' / FK%$/ $=1F$/ .=- =1 N#' <#1 FD$QC O.C 1F1 %" /.< " 1 &= I ="1 < W.= F#)\ # "- F&F 1 DF$ 2# + I Y I = #"= I D%$1F"1= C J" < EF1 %" ' " C F/$=CCF"1 / $=E1= I ="1 F#W .&YN#=C /= C%" = I D $= D%#$ 2=#$ /=0 I F" /=$ /= $.C%#/$= 2=C N#=C1 %"C E%"1$%&=$C.=C ="1$= 7 = '=1 2# -2 = I D=$=#$ .1FK2 CCF 1 %$ I =22= I ="1 N#=- D%#$ 2= I % I ="1 /# I % "C- 2 E%"C /.$F 1 E% I I = "#2 =1 "%" F&="# 2 =CDQE= / F$$F"J= I ="1 .KF#EO.' F&=E 2= DFD= DF$ 2=C /.D#1.C ="&%L.C M F&%"=- =1 N# 2 "= E% I D1F 1 DFC- N#F"1 M D$.C="1- C= D$.&F2% $ /=C F$1 E2=C "C.$.C /F"C 2F "%1= N#= C=C ".J%E F1=#$C F&F ="1 2F C0 C.= ="1$= 2=C I F "C /# DFD=- C% 1 N# M C=C L=#W E=11= .KF#EO= /= 1$F 1.' <]1 ="1FEO.= /= "#22 1.' DF$ 2 .1F2 / =CD$ 1 %a .1F 1 1% I K.' 2= I F2O=#$=#W D%"1 <= FD$QC

)' v $ ' + $! -' /= 2 FKK.' /= $%J2 =- .&YN#= /= F"/

)\ ‘ ‘ ! ‘ ‘ ‘ 7 ‘ 7

2 F&% $-‘ EE=D2.=-‘ C% 1‘ D2#1c1-‘ E$%L%"C+"%#C-‘ N# ‘ $=+‘ /%#2b1-‘ C‘ =22=‘ .1F 1‘ D$%/# 1=-‘ /=‘ D$%&%N#=$‘ $.E F1‘ 1=$0 $ K2=‘ F#N#=‘ 7 =‘ ; ‘ F&F 1‘ I ="FE.‘ ‘ /=‘ OFK$%‘ /=‘ $=E%#$ $-‘ C‘ %"‘ %CF 1‘ ="‘ <F $=‘ #CFJ=‘ FD$QC‘ N# ‘ 2 F&F 1‘ <%$ I =22= I ="1‘ /. I ="1 =‘ 8#%‘ N# ‘ ="‘ <]1‘ -‘ 2 "E=$0 1 1#/=-‘ 2F‘ E%"<#C %"‘ =1‘ 2=‘ 1$%#K2=‘ $.J"F ="1-‘ %"‘ 2=‘ &% 1-‘ /F"C‘ 2=C‘ E%"C= 2C‘ /#‘ D$ "E=‘ F#CC‘ K ="‘ N#=‘ /F"C‘ 2 =CD$ 1‘ /=C‘ <#1#$C‘ I = I K$=C‘ /#‘ E%"E 2=‘ M‘ 2F‘ &= 22=‘ /#‘ %#$‘ %a‘ 2F‘ $F"E=‘ I %/=$"=‘ F22F 1‘ F&% $‘ 2=‘ CD=E1FE2=‘ "F11="/#‘ / #"=‘ C%2="""=22=‘ FCC= I K2.=‘ / .&YN#=C‘ /.2 0 K.$F"1‘ E% I I =‘ F#W‘ C QE2=C‘ DFCC.C‘ C#$‘ 2=C‘ D2#C‘ J$F&=C‘ F<<F $=C‘ /=‘ 2 J2 C=

3=D# C‘ 2=‘ E%"E 2=‘ /=‘ $="1=-‘ $ ="‘ /=‘ C= I K2FK2=‘ "=‘ C .1F 1‘ &#‘ ="‘ #$%D=S‘ I F C‘ M‘ E%#D‘ C]$‘ E=‘ " .1F 1‘ D% "1‘ 2M‘ E=‘ N#‘ /.D2F CF 1‘ M‘ 2 = I D=$=#$-‘ 1%# %#$C‘ F I %#$=#W‘ /=‘ 2 .E2F1‘ =1‘ F& /=‘ /=‘ <$FDD=$‘ 2 I FJ "F1 %"‘ /=C‘ D=#D2=C‘ ="‘ C=‘ I %"1$F"1‘ M‘ =#W‘ /F"C‘ N#=2N#=‘ F11 1#/=‘ =W1$F%$/ 0 "F $=‘ =1‘ J$F"/ %C=‘ ‘ F&F 1‘ E% I I =‘ .D# C.‘ I F "1="F"1‘ 2=‘ $c2=‘ /=‘ OF$2= I FJ"=-‘ 2 = I D=$=#$‘ /#‘ I %L="‘ bJ=-‘ -M‘ 2F‘ <% C‘ E%"N#.$F"1‘ =1‘ 2.J C2F1=#$‘ .1F 1‘ 2M‘ #"‘ D=$C%"0 "FJ=‘ K ="‘ I %/=$"=‘ ‘ 2# ‘ $=C1F 1‘ M‘ $=D$%/# $=‘ 2=C‘ F"E ="C‘ 1LD=C‘ /=C‘ %"C1F"1 "‘ =1‘ /=C‘ %"C1F"E=-‘ /=‘ E=C‘ E.CF$C‘ $% I F "C-‘ D%"1 <=C‘ F#1F"1‘ N#=‘ D$ "E=C-‘ N# -‘ D="0 /F"1‘ 2F‘ 1$F"C 1 %"‘ 2FK%$ =#C=‘ /#‘ DFJF" C I =‘ M‘ 2F‘ $=2 0 J %"‘ EO$.1 ="""=-‘ F&F ="1‘ D$.C /.‘ /=C‘ E%"E 2=C‘ =1‘ /.E$.1.

(2=C CL I K%2=C /= <% =2F /# I % "C &F2F 1 2F D= "= / Y1$= 1="1.- EF$ /=D# C E=22= .D%N#= F I F C F I K 2 %" K I F "= " F&F 1 & C. C OF#1 1=" $ E% I D1= /= 2F / <<.$="E= /=C 1= I DC- 2 = I D=$=#$ D%#&F 1+ 2 =" $.F2 1. C= <2F11=$ / Y1$= E%"&="FK2= I ="1 D$.DF$. D%#$ 2F I C0 C %" N# 2 C= /.E=$"F 1 M 2# + I Y I =g F"C E% I D1=$ 2 FKC="E= /=C E%""F CCF"E=C CD.E F2=C N# 2# <F CF ="1 <%$E. I ="1 /.<F#1- E=1 O% I I = / #" J." = D$%/ J =#W-- =1 C EFDFK2= /= D."1$=$ M <%"/ 1%#1=C 2=C N#=C1 %"C N# 2 2# D2F CF 1 / .1#/ =$- D%CC./F 1+ 2 F# I % "C 2F I %/.$F1 %" =1 2= EF2 I = N# D%#&F ="1 =" <F $= /= "%C %#$C 2 "CD $F1=#$ FEE=D1FK2= / #"= $.#" %" /= D$.0 2F1Cg 2 =C1 D=$ I C / =D /%#1=$ N#F"/ %" C%"J= F#W FE1=C- F#W .E$ 1C =1 F#W DF$%2=C DF$ 2=CN#=2C 2 D$.0 2#/F 1 F2%$C M 2 FEE% I D2 CC= I ="1 /= C%" D$%EOF " CFE=$/%E=

=<<=1 1=$$ K2= D$%/# 1 DF$ 2F & %2="E= /= C=C D$%0 E./.C M 2 .JF$/ /# CF "1+DQ$= " F&F 1 DFC- M E= N# 2 DF$FZ1- EF#C. J$F"/= I D$=CC %" C#$ 2 =CD$ 1 /= ! F0 D%2.%" 2 /= I =#$F 1 ="E%$= D=$C#F/.- I Y I = FD$QC E=22= $ C2= =WD.$ ="E=- N#= 2=C $=D$%EO=C I ="FPF"2C- 2=C $ J#=#$C I D 2%LFK2=C =22=C CF$EFC I =C %#2$FJ=F"2C .1F ="1- C% I I = 1%#1=- 2=C I = 22=#$=C F$ I =C M = I 0 D2%L=$ D%#$ C= $="/$= I FZ1$= /# E2=$J. #W D$=0 I =$C %#$C /# D$ "1= I DC /=)*))- 2 = I D=$=#$

DF$E%#$F 1' 2=C' /.DF$2= I ="2C' /=' 2F' !%$ I F"/ =' F&=E'
F$ =+ %# C=-' M D= "=' $.1FK2 =' /=' C=C' E%#EO=C' $.0
E="1=C-' N#' F&F ="1' .1.' FCC=X' D." K2=C' :F I F C' 2=C'
&%LFJ=C' /=' 2 = I D=$=#$' " F&F ="1' .1.' /=' D#$' FJ$. I ="1'
2' F&F 1' E=21=' <% C' /%"".' $=" /=X+&%#C' M 2="P%"' F#
C."F1=#$ n/=$=$-' N#' F&F 1' E=C' D$%& "E=C' C%#C' CF'
C#$&= 22F"E=' CD.E F2=' # &F"1' C%"' #CFJ=' ! FD%2.%"'
C=' I 1' M C%"' /.K%11.' M D$=CC=$' n/=$=$' /=' N#=C0
1 %"C C#$' 2 =CD$ 1' /=C' D%D#2F1 %"C' F#' I 2 =#' /=CN#=22=C'
2' C=' 1$%#&F 1' ="' E=' I % I ="1-' C#$' 2=' I .$ 1=' /=C' / &=$C'
<%"E1 %""F $=C' D#K2 EC' =1' C#$' 2=C' / CD%C 1 %"C' D%2 1 0
N#=C' /=C' D$ "E DF#W D=$C%""FJ=C' /#' DFLC' 3F"C' 2=C'
E $E%"C1F"E=C' D$.C="1=C-' E=' N#' $=JF$/F 1' 2=' E2=$J.' /#'
/.DF$1= I ="1' "=' D%#&F 1' Y1$=' %#K2 .' = I D=$=#$' L'
F$$ &F' 1%#1' /=' C# 1=' d 8# =C1+E=' 2 .&YN#=g' /= I F"/F+'
1+ 2' M ' n/=$=$' 6' $=-' E =C1' #"' $=1%"' N#' .1F 1'
F#1$=<% C' J$F"/' & EF $=' M ! F"1=C' 6' : F&F C' E$#' N#='
E .1F 1' #"' 22= I F"/' C1+ 2' K%"g' 6' 2' =C1' D=#' F I .'
6' 7%#$N#% g' 6' ' EF#C=' /=' C%"' "1%2.$F"E=-' DF$E='
N# 2' F' %#1$.' 2=C' I F#&F C' 1$F 2= I ="2C' M 2 .JF$/' /=C'
D$Y1$=C' FCC=$ I ="1.C' 6' 2' =C1' /%"E' %KC1FE2=g' 6 :=' 2='
E$% C-' ="' =<<=1-' D2#1c1' %KC1FE2=' N#=' C=E%#$C' ' 5
F' &.$ 1.' =C1' N#=' ' /=' O=& J".' /=' % C+ O%22=1-

)' A $, ' ! + 8' ' /# E% I 1=' n/=$=$-' 1' 22-' ' `

)_ K2 H !H 7 7

1$F&=$CF"1 2F & 22= F&=E C%" .D%#W F$ =+ %# C= &%#0 /$F 1 K =" 2# <F $= 2 O%" "=#$ /= & C 1=$ 2F EF1O./$F2= 2 F&F 1 1%#1 D$.DF$. =" E%"C.N#="E=- =1 C= 1="F 1 =" OFK 1C .D CE%DF#W C#$ 2=C I F$EO=C /= C%" .J2 C= F< " /= $="/$= 2= D2#C / O%" "=#$C D%CC K2= F#W 22#C1$=C & C 1=#$C d %#EO=- E%EO=$- C .E$ F ! FD%2.%"- N#F"/ FD=$P#1 2 .&YN#= 5 .1F 1 C W O=#$=C /= 2 FD$QC+ I / $ 2= E%#D2= I D.$ F .1F 1 =" $%#1= /=D# C 2= I F0 1 "- =1 /= % C+ O%22=1- 1%# %#$C E%"< F"1 /F"C C%" ""%E="E=- "= /%#1F DFC N# "= /]1 F11$ K#=$ C%" D=1 1 /.K% $=]1 2F C=#2= <F1 J#= /=C &%LFJ=#$C C= E$#1 E% I D2.1. O="1 /./% I I FJ. 2%$CN#= 2= C% $ I c I = %" & "1 2# F""%"E=$ N# =]1 M C= $="/$= 2= 2="/=0 I F " /= K%""= O=#$= M 2="P%" F&=E 1%#1 C%" E2=$J. " 1%#EOF 1 F#W <Y1=C /= 2F 7="1=Ec1= /= % C+ O%22=1 C I FJ "F N# .1F 1 FDD=2. F# EO=<+2 =# /# /.DF$1= I ="1 F< " / L E.2.K$=$F&=E D2#C /= D% I D=2 %<0 < E= / & "= D$.C="E= /= =#$C F =C1.C 2 = I D=$=#$=1 2 I D.$F1$ E= 22#C %" "= <#1 DFC 2%"J#= ! FD%2.%"- FD$QC F&% $ $=P# M C%" 2=&=$ 2= D$ "E= #JQ"= =1 2= J$F"/+/#E /= #$1XK%#$J- < 1 ="1$=$ /= % C+ O%22=1- =1 &% E 2= / F2%J#= N# C .1FK2 1 ="1$= =#W - =1 N#= $FDD%$1= =" ="1 =$ n/=$=$- D$.C="1 /= CF D=$C%""= M 2 ="1$=&#= d ;%#C Y1=C 2 .&YN#= /= .=Xg 6 # - C $= 6 := C# C 1$QC+ I .E%"1="1 /= &%#C ; %#C

ˢ ˢ I

Y1=Cˢ 2=ˢ C=#2ˢ .&YN#=ˢ C#$ˢ N#ˢ F =ˢ $=P#ˢ /=Cˢ D2F "1=Cˢ
; %#Cˢ ="1$=1="=Xˢ Eˢ /=Cˢ / & C %"Cˢ #ˢ 2 =#ˢ /=ˢ <%"/$=ˢ
2=Cˢ DF$1 C-ˢ &%#Cˢ / C1 "J#=Xˢ ="E%$=ˢ ="1$=ˢ 2=Cˢ E%"C1 1#0
1 %""=2Cˢ =1ˢ 2=Cˢ "E%"C1 1#1 %""=2Cˢ 2ˢ " Lˢ Fˢ D2#Cˢ N#=ˢ
&%#Cˢ ="ˢ $F"E=ˢ N#ˢ C=ˢ E%"/# C=ˢ F "C ˢ ; %#Cˢ &%#2=Xˢ 2Fˢ
J#=$$=ˢ E & 2= ; %#Cˢ 2 F&=Xˢ /. Mˢ <F 1=Sˢ &%#Cˢ F&=Xˢ 1$= I D.ˢ
&%Cˢ I F "Cˢ /F"Cˢ 2=ˢ CF"Jˢ <$F"PF Cˢ V ˢ , $ ˢ ˢ *ˢ
+ #ˢ "ˢ , $ ˢ ˢ Rˢ ˢ $<ˢ $' ˢ + #D
3 ˢ ˢ ; %1$=ˢ / %EQC=ˢ =C1ˢ 2=ˢ C=#2ˢ ="ˢ /.C%$/$=ˢ 6ˢ $=-ˢ
1%#1ˢ Lˢ =C1ˢ 1$QC+K ="ˢ 6ˢ ; %#Cˢ F&=Xˢ <F 1ˢ #"=ˢ E $E#2F $=ˢ
1$QC+ I F#&F C=ˢ 6ˢ :=ˢ 2 Fˢ EOF"J.=ˢ 6ˢ :=ˢ &%#Cˢ Fˢ <F 1ˢ
&=" $ˢ Mˢ 7F$ Cˢ D%#$ˢ &%#Cˢ I %"1$=$ˢ I %"ˢ I .E%"1="1Y+ˢ
I ="1-ˢ =1ˢ $ ="ˢ "=ˢ &%#Cˢ E%$$ J=ˢ J $ ˢ .' ˢ$ ˢ + $, ˢ
$U "ˢWˢ Rˢ, ˢ #' ˢ $ ˢ (5 $ 6ˢ $= ˢ
6ˢ 8# %"ˢ I %11=ˢ 1%#1ˢ /=ˢ C# 1=ˢ 2Fˢ I F "ˢ C#$ˢ 2=Cˢ DFD =$Cˢ
/=ˢ C=Cˢ C=E$.1F $=C-ˢ 5 / 1ˢ 2 = I D=$=#$ˢ ="ˢ C=ˢ $=1%#$"F"1ˢ
&=$Cˢ 2=ˢ D$.<=1ˢ .&.N#=ˢ C%$1 1ˢ F2%$C-ˢ =<2=ˢ D$.<=1ˢ F&=Eˢ
2# ˢ ! FD%2.%"ˢ .1F 1ˢ <%$1ˢ . I #Sˢ 2ˢ E%"J./ Fˢ 2=Cˢ D=$0
C%""=Cˢ /#ˢ 2=&=$ˢ CF"Cˢ DF$2=$ˢ Mˢ F#E#"=ˢ / =22=C-ˢ =1ˢ 1%#1ˢ
2=ˢ I %"/=ˢ C=ˢ $=1 $Fˢ 5

8#=2N#=Cˢ O=#$=Cˢ FD$QC-ˢ 2 = I D=$=#$ˢ <F CF 1ˢ FDD=2=$ˢ
/F"Cˢ C%"ˢ EFK "=1ˢ 2=Cˢ J$F"/Cˢ & EF $=Cˢ =1ˢ 2=Cˢ EOF"% "=Cˢ
/#ˢ EOFD 1$=ˢ /=ˢ .=Xˢ =Cˢ I =CC =#$Cˢ 1$%#&Q$="1ˢ ="ˢ ="+

6ˢ A $, '! + 8' ˢ - ˢ #&7)" P-"("(9)ˢ 9 1ˢ QQRˢ
ˢ)

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$F"1‘ ! FD%2.%"‘ 2=C‘ J="%#W FDD#L.C‘ C#$‘ #"=‘ EOF C=‘ /%"1‘ ‘ 1="F 1‘ 2=‘ /%CC =$‘ ="1$=‘ C=C‘ I F "C-‘ E=‘ N# ‘ .1F 1‘ E‘=X‘ 2# ‘ #"=‘ F11 1#/=‘ FCC=X‘ OFK 1#=22= ‘ 2C‘ C FDD$Y1F ="1‘ M "1=$E./=$‘ O# I K2= I ="1‘ ="‘ <F&=#$‘ /=‘ 2=#$‘ .&YN#=‘ / CJ$FE .-‘ 2%$CN#=‘ 2 = I D=$=#$‘ ="1F I F‘ /=$=EO=< /=&F"1‘ =#W 2 #"=‘ /=‘ E=C‘ CEQ"=C‘ M 2F‘ <% C‘ D$. I ./ 1.=C‘ =1‘ & %0 2="1=C‘ /F"C‘ 2=CN#=22=C‘ ‘ DF$F CCF 1‘ C=‘ E% I D2F $=‘ D2#C‘ N#=‘ F I F C ‘ =C1.C‘ 2%"J1= I DC‘ J$F&.C‘ /F"C+ 2F‘ I .0 I % $=‘ /=C‘ D$Y1$=C‘ /=‘ E=‘ / %EQC=‘ N# ‘ ="‘ <#$="1‘ 2=C‘ 1.0 I % "C‘ E%"C1=$".C-‘ 2=C‘ /.1F 2C‘ /=‘ E=11=‘ CEQ"=‘ %"1‘ .1.‘ /=D# C‘ I F "1=C‘ <% C‘ $FE%"1.C‘ M D2#C‘ / #"‘ F#/ 1=#$‘ ="0 E%$=‘ & &F"1‘ F# %#$/ O# ‘ F‘ & E1 I =‘ N#=‘ 2 = I D=$=#$‘ EO% C 1‘ E=11=‘ K C‘ .1F 1‘ #"‘ C I D2=‘ E#$.‘ /=‘ DF$% CC=‘ "% I I .‘ J$F"/‘ & EF $=‘ O%"%$F $=‘ DF$‘ ‘ /=‘ % C+‘ O%22=1-‘ ‘ =‘ F22% C ‘ .1F 1‘ #"‘ D$Y1$=‘ / #"=‘ J$F"/=‘ &=$1#-‘ E.2QK$=‘ DF$‘ CF‘ CE ="E=‘ EF"%" N#=-‘ =1‘ N# ‘ DFCCF 1‘ D%#$‘ 2=‘ I %/Q2=‘ /=C‘ =EE2.C FC1 N#=C‘ /=‘ C%"‘ / %EQC=‘ %# %#$C‘ FDD#L.‘ C#$‘ CF‘ EOF C=‘ =1‘ CF"C‘ 2=C‘ CF2#=$-‘ ! F0 D%2.%"-‘ FD%C1$%DOF"1‘ K$#CN#= I ="1‘ 2=C‘ EOF"% "=C‘ / D= "=‘ "1$%/# 1C‘ /=&F"1‘ 2# -‘ 2=#$‘ /= I F"/F‘ / #"=‘ &% W K$Q&=‘ í đ 8#=‘ =C1‘ DF$ I ‘ &%#C‘ E=2# ‘ N# ‘ E%"/# 1‘ &%1$=‘ .&YN#=-‘ 2=N#=‘ / F 22=#$C‘ " =C1‘ N# #"=‘ KY1=g‘ 5 4"‘ /=‘ E=C‘ I =CC =#$C‘ /.C J"F‘ ‘ =‘ F22% C ‘ đ Ơ ś E =C1‘ /%"E‘ &%#Cg‘ 1‘ D%#$N#% ‘ "=‘ 2# ‘ F&=X+&%#C‘ DFC‘ E%"C= 22.‘ / FCC C1=$‘ F# I F$ FJ=‘ /=C‘ $%C Q$=Cg‘ 5 ‘ =‘ F22% C-

#"" D=# 1$%#K2.- I F C C#$1%#1 .1%"".- $=JF$/F / F0 K%$/ 2 = I D=$=#$- /%"1 2=C L=#W C= I K2F ="1 2# <F $= C J"= /= C= /.DYEO=$ /= DF$2=$ đ $=- .1F C FKC="1 F# I F$ FJ= /= E=C $%C Q$=C 6 7%#$N#% F&=X+&%#C <F 1 <F $= M &%1$= .&YN#= E=11= E $E#2F $= F# C# =1 /=C <Y1=C C#DD$ I .=Cg 6 $=- .1F C ="E%$= FKC="1- =1- D%#$ / $= 2F &.$ 1. 1%#1 ="1 Q$=- F#CC 1c1 N#= ="" F =# E%""F CCF"E=- = I= C# C $="/# M .=X D%#$ E%"0 C= 22=$ #"= E $E#2F $= 1%#1 %DD%C.= N# F =<<=E1 &= I ="1 DF$# 6 s a .1 =X+&%#C/%"Eg 6 3F"C I F <F I 22= 6 % I I ="1- F&=E #"" .&YN#= DF$= 2- N# " =C1 N# #"= < KY1=- .1 =X+&%#C C C%#&="1 FKC="1g 1 N# /%"E F2%$C J%#&=$"F 1 2= / %EQC=g 1 D%#$N#% &%#C Y1=C+ &%#C $="/# F#D$QC / #"" .&YN#= E% I I = PF D%#$ Y1$= C%"" J$F"/ & EF $=g 6 $=- F %K. M I =C C#D.$ =#C 1%#1 =EE2.C FC1 N#= /% 1 %K. CCF"E= M CEC C#D.$ =#$C 6 1=C+&%#C K%"" JF22 EF"g 6 # - C $=- =1 D=#1+ Y1$= #"" /=C D2#C D$%"%"E.C /= &%1$= = I D $= R 5

! %1= EE+ #[N#.= DF$ /=C D=$C%""=C ="E%$= & &F"1=C- / FD$QC 2= D$%D$= 1. I % J"FJ= /= = F22% C 6 7=#1+Y1$= /=&%"C+"%#C "%#C =WE#C=$ F#D$QC /= "%C 2=E1=#$C /= $=D$%/# $= F "C /F"C 1%#1= 2=#$ E$#/ 1. 2=C =WD$=CC %"C C%2/F1=CN#=C N# C%$1F ="1 C "F1#$=22=0 I ="1 /= 2F 2 %#EO= /= 2 = I D=$=#$- I F C 2 "%#C F C= I K2. N#= D$%0 "%"E.=C ="" DF$= 22=C E $E%"C1F"E=C- /=&F"1 /=C O% I I =C / .J2 C=- =22=C C J" 22F =#2 L F$ =22=C+ I Y I =C N#=2N#= EO%C=- =1 =1F ="1 #"" E=$1F "" %#$ C#$ 2= EF$FE1Q$= /#= EO=< /= 2 1F1- N# 2=C = I D2%LF 1 E=11= <% C

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=C / =$" =$C‘ I %1C C= I K2Q$="1‘ F/%#E $‘ N#=2N#=‘ D=#‘ 2 = I D=$=#$-‘ =1‘ 2‘ E%"J./ F‘ ‘ =‘ F22% C‘ =1‘ C=C‘ E%20 2QJ#=C‘ /#‘ EOFD 1$=‘ D2#C‘ J$FE =#C= I ="1‘ N# 2‘ "=‘ 2=C‘ F&F 1‘ / FK%$/‘ $=P#C ‘ =D="/F"1-‘ 1F"/ C‘ N#=‘ ! FD%2.%"‘ $=1="F 1‘EO=X‘ 2# ‘ 2 .&YN#=‘ / =‘ .=X‘ =1‘C%"‘ J$F"/‘ & EF $=--‘ /=C‘ FJ="1C‘ /#‘ D$.<=1‘ C .1F ="1‘ $="/#C‘ M‘ 2=#$‘ /% I 0 E 2=‘ =1‘ F&F ="1‘ <F 1‘ I F "‘ KFCC=‘ C#$‘ 1%#C‘ 2=#$C‘ DFD =$C ‘ "‘ " L‘ /.E%#&$ 1‘ $ ="‘ N# ‘ Da1‘ /%""=$‘ D$.1=W1=‘ M‘ 2F‘ D%#$C# 1= ‘ ! I D%$1=-‘ 2 = I D=$=#$‘ F&F 1‘ 1$F 1.‘ ‘ /=‘ % C+ O%22=1‘ /=‘ I C.$FK2=‘$ 2‘ 2 F&F 1‘ I ="FE.‘ /=‘ /=C1 0 1#1 %"S‘ 2‘ <F22F 1‘ M‘ 1%#1‘ 2=‘ I % "C‘ N#=‘ 2=‘ D$.2F1‘ E%"C="0 1Z1‘ M‘ C=‘ /. I =11$=‘ /=‘ 2# + I Y I = ‘ ‘ E=1‘ =<<=1-‘ 2 #"‘ /=C‘ D$ "E DF#W‘ %<< E =$C‘ /#‘ DF2F C‘ C=‘ 1$F"CD%$1F‘ EO=X‘ 2# ‘ =1‘ "%"‘ CF"C‘ N#=2N#=‘ = I KF$$FC‘ 2# ‘ C J" < F-‘ /=‘ 2F‘ DF$1‘ /=‘ 2 = I D=$=#$-‘ N# 2‘ " F&F 1‘ D2#C‘ /.C%$ I F C‘ / F#1$=

F&=E‘ %"‘ CF"C‘ "1="1 %" ‘ .1F 1‘ / F 22=#$C‘ EO=X‘ 2# ‘ F<<F $=‘ / OFO 1"/=‘ N#F"/‘ 2F‘ DFCC %"‘ 2 = I D%$1F 1 ‘ ! %#C‘ F&%"C‘ ="1="/#‘ $FE%"1=$‘ DF$‘ #"‘ F"E ="‘ <%"E1 %""F $=‘ /=‘ 2 = I D $=‘ /=&F"1‘2=N#=2‘ 2F‘ CEQ"=‘ C =C1‘ DFCC.=-‘ N# =#‘ 6:6G ! FD%2.%"‘ FLF"1‘ "%"‘ I % "C‘ J$%CC Q$= I ="1‘ "C#21.‘ ‘ /=‘ F22=L$F"/‘ =‘ D2= "=‘ E%#$‘ /=C‘ # 2=$ =C‘ D="/F"1‘2 =CDFE=‘ / #"=‘ /= I +‘ O=#$=-‘ E=2# +E ‘ F&F 1‘ =CC#L.-‘ CF"C‘ $.D%"/$=‘ " ‘ C%#$E 22=$‘ 2=‘ I % "C‘ /#‘ I %"/=-‘ CF‘ <%#J#=#C=‘ K%$/.=‘ / " #$=C ‘ D$QC‘ N#% -‘ D="/F"1‘ N#=‘ 2 = I D=$=#$‘C .2% J"F 1‘ /=‘ 2# -‘ I F C‘ 1F"/ C‘N# 2‘ .1F 1‘ ="E%$=‘ M‘ D%$1.=‘ /=‘ CF‘ &% W-‘ 2=‘ & E=+J$F"/+.2=E1=#$‘ C .1F 1‘ K%$".‘ M‘ / $=‘ /=‘ 2 F $‘ 2=‘ D2#C‘ "%"EOF2F"1‘ M‘ C=C‘ &% C "Ci‘ d ; %#C‘ F&=X‘ ="1="/#-‘ I =CC =#$C‘$ N#=2‘ /% I I FJ=‘ N# #"‘ C ‘ J$F"/‘ O% I I =‘ F 1‘ .1.‘ F#CC ‘ I F2‘ .2=&.‘)5

DF$1‘ M D$="/$=‘ .&YN#=‘ /=‘ .=X C=‘ $.C J"F-‘ I F C "%"‘ DFC CF"C C%#<<$F"E=‘ F C=#2=‘ D2F "1=‘ N# 2 C= D=$ I 1‘ F&F 1‘ N#=2N#=‘ EO%C=‘ /=‘ 1%#EOF"1‘ d .2FC‘ $ C .E$ F+1+ 2-‘ 2F‘ <%#/$=‘ I F‘ <$FDD.-‘ =1‘ E% I I =‘ 2=C & =#W FK=C N# =22=‘ F11= "1-‘ =‘ "=‘ I ="‘ $=2Q&=$F‘ F I F C‘ 5 $% C I % C D2#C 1F$/-‘ #"=‘ F11FN#=‘ /=‘ DF$F2LC =‘ 2=‘ I =10 1F 1‘ ="‘ =<<=1‘ F#W D%$1=C /# 1% I K=F#-‘ =1‘ K ="1c1‘ 2 I %#0 $F 1-‘ F&F"1‘ N# #"=‘ F"" .=‘ <]1‘ .E%#2.=‘ /=D# C 2F 1=$$ K2=‘ CEQ"=‘ / 2="P%"

8#F"1‘ M ‘ =‘ F22% C-‘ N#F$F"1=+O# 1‘ O=#$=C FD$QC C%"‘ ="1$=&#=‘ F&=E 2 = I D=$=#$-‘ 2 <#1‘ F$$Y1.‘ /F"C 2=‘ DF0 2F C .D CE%DF2 =1‘ F I =".‘ ="1$=‘ /=#W J="/F$ I =C /F"C 2F D$ C%"‘ / 2="P%"‘ $ /=‘ 2M E%"/# 1‘ /=‘ K$ JF/=‘ ="‘ K$ 0 JF/=‘ #CN# M 2F %$E=-‘ M 7F$ C-‘ 2 L‘ <#1‘ $=1="# %"X=-‘ %#$C F# C=E$=1-‘ E%#EOF"1‘ C#$‘ 2F DF 22=‘ ="E%$=‘ EOF#/=‘ / #"‘ I F2O=#$=#W N#‘ &="F 1‘ / Y1$=‘ E%"/# 1‘ M 2 .EOF0 <F#/‘ %<< E =$ /=‘ D%2 E=‘ EOF$J.‘ / "1=$$%J=$ ‘ = F22% C C=‘ 1$%#&F 1‘ Y1$=‘ "=&=#/m&" E#$.‘ /=‘ 2 $"=‘ N#‘ F&F 1‘ F#1$=<% C /=CC=$&‘ #"=‘ DF$% CC=‘ &% C "=‘ /=‘ E=22=‘ /=‘ F#2=$"=‘ =‘ /.2.J#.‘ /# I " C1$=‘ /=‘ 2F‘ D%2 E=‘ " F&F 1‘ F I F C ="1="/# C%"‘ %"E2=‘ DF$2=$ F#1$= I ="1‘ N# F&=E .2%J=‘ /# J$F"/‘ & EF $=‘ /=‘ .=X‘ d O‘ ‘ &%#C

‘ ; %L=X 2=‘ 2 &$=‘ /=‘ F#$L‘ / $& 22=‘ C#$‘ 2=C .&YN#=C =1‘ 2=‘ / %0 EQC=‘ /=‘ .=X‘ .=X-‘)* B

)* ' ' : ! ' ' ' 7 ' 7

%# CC =X' /F"C' ! ' ' + * /' / #"=' K%""=' $.D#1F1 %"-' / 1' 2 %<< E =$' /=' D%2 E=' 6' F C' =' "=' &% C' DFC' D%#$0 N#% -' ' ' ' + ' %$ ' ! $ ' ' &%#C' E%"E2#=X' N#=' =' 2 F' D=$/#=' DF$E=' N#=' =' E% I DF$F C' /=&F"1' &%#C' 5' =11=' $.D%"C=' I D$.&#=' /#' D$.&="#' I %$1 < F' #"' D=#' C%"' "1=$$%JF1=#$

D$QC' F&% $' E% I D#2C.' 1%#C' 2=C' DFD =$C' N# 2' F&F 1' $=P#C' / $=E1= I ="1' /=' .=X' =1' $=E#= 22' C#$' 2=' E% I D1=' /=' ' =' F22% C' 2=C' $="C= J"= I ="1C' 2=C' D2#C' /.2F 2+' 2.C-' N#' E%"E%$/F ="1' 1%#C' M' 2=' $=D$.C="1=$' E% I I =' #"' D$Y1$=' <%$1' DF C K2=-' 2=' I " C1$=' /=' 2F' D%2 E=' 1. I % J"F' K=F#E%#D' /=' C#D C=' /=' E=11=' F$$=C1F1 %"-' N# 2' I 0 D#1F 1' C#$1%#1' M' 2F' C=E$Q1=' I F2&= 22F"E=' /=C' F#1%$ 1.C' 2%EF2=C' /#' /.DF$1= I ="1' /=' 2 $"=' E%"1$=' 2=#$' DF#&$=' J$F"/' & EF $=' 2' FCC#$F' /%"E' ' =' F22% C' N#=-' 1%#1=C' 2=C' I D#1F1 %"C' /%"1' 2' .1F 1' 2 %K =1' FLF"1' .1.' $=E%"0 "#=C' CF"C' <%"/= I ="1-' C%"' F<<F $=' "=' D%#&F 1' F&% $' F#0 E#"=' C# 1=' <bEO=#C=' :2' F&F 1' $./ J.' C#$' C%"' E% I D1=' #"' $FDD%$1' <F&%$FK2=-' =1' 2 = I D=$=#$' CF"C' /%#1=' 2=' <=$F 1' D$%EOF "= I ="1' $=2bEO=$' 2' " ="' <#1' $ =" ' .1F 1' #"' DF$1' D$ C' I F "1="F"1' /=' 2F' DF$1' /=' ! FD%2.%"' /=' C=' I %"1$=$' D2#C' $ J%#$=#W' M' 2 .JF$/' /=C' J="C' / .J2 C=' N#=' "=' 2 .1F ="1' C=C' D$%D$=C' FJ="1C' 2 &$.C' M =#W+' I Y I =C' % "' /=' C=' 2F CC=$' <2.EO $-' 2' Kb1%""F' F&=E' E%0 2Q$=' =2' M' J$F"/C' 1$F 1C' /=' D2# I =' 2=' $FDD%$1' /=' C%"

6:S

"= 2# . 1F 1 F# <%" / "#22= I ="1 O%C1 2= 3 F / &=$CF $=C / . E2F$. C %# I Y I = C%#$ / = I ="1 I F2&= 22F"1C- 2 2 ="
E% I D1F 1 DFC #" C=#2 DF$ I 2=C =EE2 . C FC1 N#=C / =
$F"E= N# %# CCF ="1 / = 1F"1 C% 1 D=# / = $. D#1F1 %"
/ F"C 2=#$ E%$DC %# / = N#=2N#= "<2#="E= C#$ 2= J$%C
/ =C D%D#2F1 %"C " C= D$%D%CF"1 / "1 I / =$ F#CC
"#1 2= I ="1 1%#1 #" I %" / = N# "= C%"J=F 1 ="" F#E#"=
<FP%"" M 2# $. C C1=$- ! FD%2 . %"" $. #CC CCF 1 #" N#= I ="1
M L C#CE 1=$ / =C "N# . 1# / =C =1 / =C % I K$FJ=C N#= D2#C
1F$ / 2 "= / =&F 1 D2#C Y1$= M I Y I = / = EF2 I =$ ="1 Q$=0
I ="1 F E%" / # 1= " . 1F 1 / %"E ="" E=11= E $E%"C1F"E=
" CFJ=- " D$# / ="1=- " OFK 2= 7%#&F 1+ 2 C I FJ "=$
N# 2 F&F 1 K=C% "" / = <F $= FE1= / = K$#1F2= % I " D%0
1="E=- =1 / = <$FDD=$ / = 1=$$=#$ 2=C <#1#$C I = I K$=C / #
E%"E 2= DF$ 2F / =C1 1#1 %"" / = 2 . &YN#= / = . =X- 2=
C%#&=$F "" N# " F&F 1 DFC $=JF$ / . - 2 L F&F 1 #"" F""
M D= "=- M / . D%# 22=$ / = 2F D%#D= 1$= X= I = I K$=C / #
CFE$. +E% 2 . J=- N# &="F 1 / = =1=$ 1$% C / ="1$= =#W
/ F"C 2= / %" %"" / = "E="" =C- =1 / = D2FE=$ C%#C 2F
C#$&= 22F"E= / = CF D%2 E= #"" C J$F" / "% I K$= / = D$. 0
2F1C F I = " . C ="" $F"E= C%#C 2 =CE%$1= / = 2F J=" / F$0
I =$ =g 7%#$ 2= D$ "E= N# F&F 1 %$ / %"" . 2 F$$=C1F1 %""
/ = 1F"1 / = EOF"% "=C 1F2 ="C =1 2F / . D%$1F1 %"" ="
%$C= / = 1F"1 / = E#$. C $% I F "C- N#=2 D$%< 1 L F&F 1+ 2
M <$FDD=$ F#CC E$#=22= I ="1 / F"C 2 "1 . $ =#$ / = C=C

1F1C-' D$=CN#=' M' 2F' D%$1=' /=' CF' EFD 1F2=5' #"' J$F"/'
& EF $=' "%<<="C <' =1' N#' %# CCF 1' ="' /=O%$C' I Y I ='
/#' E2=$J.' /=' 2F' E%"C /.$F1 %"' #" &=$C=22=g' % I I ="1-'
C 2' " F&F 1' DFC' J$F/#=22= I ="1' D=$/#' 2=' #C1=' C="0
1 I ="1' /=' CF' &.$ 2FO2=' C 1#F1 %"-' =1' 2F CC.' C F21.$=$'
="' 2#' 2 "C1 "E1' /=' D$%<%"/' K%"' C="C' N# 2' D%CC.0
/F 1' F/ C' M' #"' C' . I "="1' /=J$.-' E% I I ="1-' / C+ =-'
2 = I D=$=#$' "=' E% I D$="F 1+ 2' DFC' N# 2' F&F 1' K=C% "'
/=' $FCC#$=$' K=F#E%#D' D2#1c1' N#=' / .D%#&F"1=$' 2=C'
1 I /=C' D$.2F1C' N#' F$$ &F ="1' I F "1="F"1' /=' 1%#1=C'
DF$1C' /F"C' 2F' EFD 1F2=-' F" I .C' CF"C' F#E#"' /%#1=' M'
C%"' .JF$/' /=C' I = 22=#$=C' "1="1 %"C-' I F C' /. M' "0
N# =1C-' =1' "=' CFEOF"1' DFC' K ="' F#' #C1=' E=' N# F10
1="/F 1' / =#W' 2=' I FZ1$=' $=<2%#1FK2=' /%"1' 2C' " F&F ="1'
F I F C' %#V' D$%"%"E=$' 2=' "% I ' /F"C' 2=#$C' 2% "1F "C'
/ %EQC=C' N# F&=E' #"=' . I %1 %"' = I D$= "1=' M' /%C=' D$=C0
N#=' .JF2=' / F/ I $F1 %"' =1' / =<<$% g' 7F$' C# 1=' /=C' /=$0
" =$C' FE1=C' /#' EO=<' /=' 2 = I D $=-' E .1F 1' 2 =<<$%' N#'
I ="FPF 1' /=' 2 = I D%$1=$' F# %#$/ O# -' =1' E=1' =<<$% -'
F2%$C' I Y I =' N# 2' C=' 1$FO CCF 1' DF$' /=C' D$.%EE#DF1 %"C'
D=#1+Y1$=' #"' D=#' =WFJ.$.=C' %#' DF$<% C' D#.$ 2=C-' 2 = I 0
D=$=#$' 2# + I Y I =' ="' .1F 1' D=$C%" "=22= I ="1' $=CD%"CF0
K2=' 3%#.' /=' D2#C' /=' XQ2=' M' E%#D' C]$' N#=' /=' CFJFE 1.-'
C%"' I " C1$=' /=' 2F' D%2 E=-' 2=' /#E' /=' %& J%-' <F 0
CF 1' "&%2%"1F $= I ="1-' E% I I =' 2 .&."= I ="1' 2 F' D$%#&.-

)* ' ' ! ' ' ' 7 : ' 7

2F' D2#C' CF"J2F"1=' " #$=' M' C%"' I FZ1$=' 2%$CN#=-' / #"' 1%"' N# 2' E$%LF 1' FJ$.FK2=' =1' N# ' " .1F 1' N#=' C " C1$=' /F"C' CF' K%#EO=-' 2' C=' $F 22F 1' /=' 2F' D%21$%""=$ =' /=C' .&YN#=C' N# ' <F CF ="1' 2=#$1=C1F I ="1' %#' C=' $=E% I I F"0 /F ="1' F#W' D$ Q$=C' /=C' < /Q2=C' /=' 2=#$C' / %EQC=C' F&F"1' /=' C=' $="/$=' F#' E%"E 2=' /=' 7F$ C

% I I =' C 2' "=' 2# ' C#<< CF 1' DFC' ="' E=' I % I ="1' / "0 / CD%C=$' E%"1$=' 2# ' 2 ="C= I K2=' /#' E2=$J.' <$F"PF C-' 2 = I D=$=#$-' /=' D2#C' ="' D2#C' J%#&=$".' DF$' C=C' <F"1F C =C' D2#1c1' N#=' DF$' /=C' "CD $F1 %"C' &$F I ="1' / J"=C' / #"' D%2 1 N#=' 1=2' N#=' 2# -' 1$%#&F' ="E%$=' %DD%$1#"' /=' K2=CC=$' D$%<%"/. I ="1' 2 #"' /=C' D$.2F1C' 2=C' D2#C' / C1 "0 J#.C' /=' C%"' = I D $=-' D%#$' 2=N#=2' 2' F&F 1' =#' #C0 N# F2%$C' 2=C' F11="1 %"C' 2=C' D2#C' $=EO=$EO.=C-' /%"1' 2F' CE$#D#2=#C=' < /.2 1.' "=' <F CF 1' DFC' :%#1=' M' C=C' D$%D$=C' L=#W-' =1' N# ' .1F 1' /=C1 ".' M' %#=$' /F"C' 2=' D$%EOF "' E%"E 2=' #"' $c2=' <%$1' E%"C /.$FK2=' ! %#C' &%#2%"C' DF$0 2=$' /=' 2 FKK.' /=' $%J2 =-' .&YN#=' /=' F"/

F#$ E=' /=' $%J2 =-' C=E%"/' < 2C' /#' I F$.EOF2' /=' $%J2 =-' <$Q$=' /#' I F$.EOF2' /=' EF I D' N# ' E% I I F"/F' ="' B ' 2 #"=' /=C' K$ JF/=C' /=' 2 F$ I .=' /#' O "' =1' D.$ 1' D2#C' 2F$/' C#$' 2 .EOF<F#/-' F&F 1' .1.-' M' EF#C=' /=' CF' <$Y2=' E%"C1 1#1 %"-' /=C1 ".' /=' K%""=' O=#$=' DF$' CF' <F I 22=' M' 2F' EF$$ Q$=' =EE2.C FC1 N#=' "1$.' CF"C' &%EF1 %"' K ="' DF$1 E#2 Q$=' F#' C. I "F $=' /= F "1+ #2D E=-' 2' .1F 1' C%$1

)**' ' ! ' ' ' 7 ' 7

/ #"=' & 22=' &% C "=' /=C' 2D=C' C .1F"1' 1$%#&.' E%"1$F $=' M' 2F' CF"1.' /.K 2=' /=' ' /=' $%J2 =-' ! FD%2.%"' 2 F&F 1' K ="1c1' FD$QC' "% I I .' F#' C QJ=' K=F#E%#D' D2#C' I D%$0 1F"1' =1' K=F#E%#D' D2#C' $=EO=$EO.U/=' F"/' ' /=' $%0 J2 =' " F&F 1' D% "1' .1.' "C="C K2=' M' /=' C' J$FE =#W' D$%0 E./.C' =C' 2=11$=C' F/$=CC.=C' M' / "1 I =C' F I C-' =1' N#' C%"1' C%#C' "%C' L=#W-' 1. I % J"="1' N#=' /=D# C')* ,' #C0 N# ="')* B-' .D%N#=' /=' 2F' EFD1 & 1.' /#' CF "1+DQ$=-' 2=' 1 1#2F $=' /#' C QJ=' /=' F"/-' N#% N#=' F11$ C1.' DF$' 2=C' <FP%"C' / FJ $' /=' D2#C' ="' D2#C' I D.$ =#C=C' N#=' 2=' C%#0 &=$F "' F#N#=2' 2' C .1F 1' $F22 .' C=' D2F CF 1' M' FDD2 N#=$' F#' J%#&=$"= I ="1' /=C' F<<F $=C' /=' 2F' $=2 J %"-' =1' D%$1F"1' C#$' 2=C' .&."= I ="1C' /%"1' 2' .1F 1' 1. I % "' #"' #J= I ="1' F#1$= I ="1' 2 K$=' N#=' 2F' D2#DF$1' /=' C=C' E%22QJ#=C-' " ="' .1F 1' DFC' I % "C' $=C1.' C "EQ$= I ="1' F11FEO.' DF$' D$ "0 E D=C' =1' DF$' J%]1' F#' $.J I =' N#' F&F 1' $=P#' C=C' C=$0 I ="1C' F' D$ C=' /=' D%CC=CC %"' /=' % I =' =1' 2F' C.N#=C0 1$F1 %"' /#' DFD=-' CF"C' F&% $' F21.$.' CF' < /.2 1.' D%2 1 N#=-' CF"C' F&% $' D$%&%N#.' /=' CF' DF$1' F#E#"=' :K$#LF"1=' D$%1=C1F1 %"-' 2#' F&F ="1' 1%#1=<% C' /%"".' K=F#E%#D' M' $.<2.EO $-' ' /=' $%J2 =-' F&=E' /=C' <%$ I =C' =W1$Y I =0 I ="1' /%#E=C-' F&F 1' 2 =CD$ 1' <=$ I =-' 2=' EF$FE1Q$=' D2#1c1' $ J /=-' =1' I =11F 1' #"' J$F"/' C% "' M' E%"<%$ I =$' 2%J N#=0 I ="1' 2=C' I % "/$=C' FE1=C' /=' CF' & =' F#W' CE$#D#2=C' D=#1+' Y1$=' #"' D=#' $F<< ".C' /=' CF' E%"CE ="E=S' =1' C' E .1F 1

#"' 1%$1-' 2' /=&F 1' DF$FZ1$=' F2%$C' / F#1F"1' D2#C' <b0 EO=#W' N# 2' .1F 1' D2#C' F= ' = I D=$=#$' &="F 1' /=' "% I I =$' 2 .&YN#=' /=' F"/' I =$DK$=' /=' 2F' .J %"' / O%""=#$ ' $-' 2' <F22F 1' D$Y1=$' ="' E=11=' N#F2 1.' #"' C=$ I ="1' /%"1' 2F' 1="=#$' I D%CF 1' F#' $.E D ="/F $=' 2 %K2 JF1 %"' / %KC=$&=$' 2=C' 2% C' /=' 2 = I D $=-' =1' "%1F I 0 I ="1' E=22=C' ' C#$' 2 "1.J$ 1.' /=' C%"' 1=$$ 1% $= ' 5 3F"C' 2 %D " %"' /=' ' /=' $%J2 =-' 2=C' /=$" =$C' I %1C' /=' E=11=' <%$ I #2=' C= I K2F ="1' I D2 N#=$' 2F' $=E%""F CCF"E=' /=' 2 #C#$DF1 %"' /=C' 1F1C' /#' CF "1+C QJ=' .1F 1' 2M-' D="0 CF 1+ 2-'#"' FE1=' N#' "=' D%#&F 1' Y1$=' =W J.' / #"' .&YN#=' 2' $./ J=F' /F"C' E=' C="C' #"' I . I % $=' N# 2' F/$=CCF' F#' J$F"/' EOF"E=2 =$' F&=E' D$ Q$=' /=' 2=' I =11$=' C%#C' 2=C' L=#W' /#' EO=</=' 2 1F1

=' $=<#C' /=' D$Y1=$' #"' C=$ I ="1' =W J.' /=' 1%#C' 2.C' I = I K$=C' /=' 2 %$/$=-' =1' 2F' "F1#$=' /=C' I %1 <C' "&%N#.C' DF$' C%"' F# I c" =$' F&=E' #"=' F#CC ' F#/FE =#C=' <$F"0 EO C=-' $$ 1Q$="1' D$%<%"/. I ="1' ! FD%2.%"' ' 2' &%#2#1'&% $' 2# + I Y I =' ' /=' $%J2 =-' C=R($%D%CF"1' / =CCFL=$' C#$' 2#' 2=C' <%$E=C' /=' CF' / F2=E1 N#=' =1' 2F' D# CCF"E=' /=' C%"' FCE="/F"1' D=$C%""=2' 2' E$% F 1' / F#1F"1' I =#W' L' $.#CC $' N#=' 2=C' E%#$1% C=C' I F" Q$=C' /=' 2 .&YN#=' /=' F"/' 2#' F&F ="1' D2#C' E% I D2Q1= I ="1' /.$%K.' E=' N# 2' L' F&F 1' F#' <%"/' /=' C%"' EF$FE1Q$=' / "& "E K2=' %D " b0 1$=1.' ' /=' $%J2 =-' CF"C' ="2$=$' /F"C' F#E#"=' / CE#C+

C %"-' D$ F' 2 = I D=$=#$' /=' &%#2% $' K ="'' 2 =WE#C=$' =1' / F&% $' 2F' K%"1.' / F/ I =11$=' C=C' $F C%"CS' 2' F&F 1' E%"0 C#21.' CF' E%"CE ="E=-' =1' CF' E%"CE ="E=' "=' 2#' D=$ I =11F 1' /.E /. I ="1' DFC' /=' D$Y1=$' 2=' C=$ I ="1' ="'' N#=C1 %"' d K' K ="s' I %"C =#$-' &%1$=' E%"CE ="E=' " =C1' N# #"=' C%11=-' $.D%" / 1' ! FD%2.%"'' ="'' 1%#$"F"1' 2=' /%C' M' C%"'' "1=$2%E#0 1=#$' 5 .1F 1' C F2 ."=$' DF$' /=C' DF$%2=C' J$F1# 1= I ="1' K2=CCF"1=C' #"'' D$.2F1' E%"CE ="E =#W' N# -' CF"C' F$$ Q$=+' D="C.=-' C# &F 1' F2%$C' E=' N# 2' E$%LF 1' Y1$=' D%##$' 2#' 2F' 2 J"=' /#' /=&% $' #' D% "1' /=' &#=' D%2 1 N#=-' 2=C' CE$#D#2=C' /=' 2 .&YN#=' /=' F"/-' F2%$C' I Y I =' N# 2' 2=C' 1$%#&F 1' I F2' <%"/.C-' F#$F ="1' /]' Y1$=' / F#1F"1' D2#C' $=CD=E1.C' DF$' 2 = I D=$=#$' N# 2' F22F 1' K ="1c1' <%#$" $' M' E=' I Y I =' D$.2F1' / F#1$=C' J$ =<C' N#' " F&F ="1-' =#W-' $ ="'' /=' CD.E =#W-' =1' N#' $ CN#F ="1' / Y1$=' D2#C' <FE 2=0 I ="1' DF$1FJ.C' DF$' 2=C' F#1$=C' I = I K$=C' /=' 2 .D CE%DF1

F"/ C' N#=' 2 = I D=$=#$' <F CF 1' C#EE=CC &= I ="1' M' 2 .&YN#=' /=' .=X-' M' =' F22% C' =1' M' /=' $%J2 =' 2=C' CEQ"=C' N#=' "%#C' &="%"5' /=' $FE%"1=$-' C%"'' %"E2=' 2=' EF$/ "F2' =CEO' /%""F 1' /=' C%"' Ec1.' F#W' D$.2F1C' /# E%"E 2=' "F1 %"F2-' /. M' F$$ &.C' M' 7F$ C-' =1' N# 2' $.#" C0 CF 1' D$=CN#=' 1%#C' 2=C' C% $C' /F"C' C%"' I FJ" < N#=' Oc1=2

)' !E 1 E% O C1%$ N#=' C#$' ' /=' $%J2 =' -' .&YN#=' /=' F"/-' D$.E.0 /F"1' 2=' $=E#= 2' /=C' I #"/=# ="1C' /=' E=' D$.2F1-' D' ' F"/'-')*,

)B ' 2 2' F ! ' ' ' 7 ' 7

Q$=-' =1' E% I I =' C ' $ ="' "=' /=&F 1' Y1$=' DF$<F 1=0 I ="1' E%$$=E1' /F"C' E=' E%"E 2=-' !FD%2.%"-' M' N#' /.D2F CF 1' E=11=' D$.1="1 %"' /=' C%"' %"E2=-' =1' N#' "=' C=' C%#E F 1' DFC' /=' $=E%""FZ1$=' M' F#E#"=' J2 C=' /=' F"E=' 2=' D$ & 2QJ=' / #"=' C%$1=' /=' D$.. I "="E=' %<< E =22=-' #J=F' E%"&="FK2=-' 2%$CN# 2' /.E=$"F' D2#C' 1F$/' DF$' /.E$=1' 2F' D$.C /="E=' F#' EF$/ "FZ' =CEO-' /=' I %1 &=$' CF' "% I "F1 %"' C#$' 2=' D$.1="/#' EO% W' /#' E%"E 2=

#' "% I K$=' /=C' N#=C1 %"C' N#' C=' 1$F 1Q$="1' .JF2=0 I ="1' /F"C' 2=C' E%"<.$="E=C' DF$1 E#2 Q$=C' 1="#=C' EO=X' 2=' EF$/ "FZ' =CEO-' 2' <F#1' "%1=$' #"=' / CE#CC %"' FCC=X' & &=' M' D$%D%C' /#' CE=F#' N#=' 2=' E%"E 2=' F/%D1=$F 1' D%#$' 2 FD0 D%C=$' M' C=C' FE1=C' F22F 1+ 2' %#' "=' <F22F 1+ 2' DFC' N#=' 2F' E$% W-' N#' /=&F 1' 1%#1' "F1#$=22= I ="1' <%$ I =$' 2=' <%"/' /=C' F$ I =C' / #"=' DF$= 22=' FCC=<"K2.=-' <]1' D2FE.=' C#$' #"' EOF I D' / FK= 22=Cg' ' 2 .&YN#=' /=' F"/' C%#1 "1' N#=' 2F' E % W' C=#2=' C#<< $F 1' CF"C' 2=C' FK= 22=C' 7 2#C =#$C' /=' C=C' E%22QJ#=C' 1="F ="1' F#' E%"1$F $=' K=F#E%#D' F#W' FK= 22=C' "' 2=C' I 1' F#W' &% W-' I F C' =22=C' "=' DFCCQ$="1' DFC' .1F 1' #"' D=#' C "J#2 =$' =' N#' 2=' <#1' /F&F"1FJ=-' E =C1' N#=' D=#' /=' %#$C' FD$QC' %"' " ="' 2 CF 1' DFC' I % "C' /F"C' 2=' E.$. I %" FZ' I D$ I .' D%#$' C=$& $' F#' E%"E 2=' í đ =

)' ;%$' X' ' $' /#' #"')*))

CE=F#' /#' E%"E 2=' D%$1=$F' #"=' E$% W' $.22.=' =1' $FL%"0 "F"1=' C#$' #"' EOF I D' / FK= 22=C' 5

D$QC' E=21=' / CE#CC %"' #"' D=#' D#.$ 2=-' 2' <#1' N#=C0 1 %"' /=' EOF$J=$' #"=' E% I I CC %"' /=' $=E#= 22 $' 2=C' J$ =<C' /%"1' 2 J2 C=' F&F 1' M' C=' D2F "/$=' /=' 2F' DF$1' /=' 2 F#1%$ 1.' E & 2=S' I F C-' 2=' E%"E 2=' #"=' <% C' %#&=$1-' %"' " ="1="/ 1' D2#C' DF$2=$' /=' E=21=' D$%D%C 1 %" ' đ =" .1F 1' DFC' D%#$' C %EE#D=$' / #" ' DF$= 2' C% "' N# 2' F&F 1' .1.' E%"&%N#.-' 5 $= I F$N#=' FCC=X' 1$ C1= I ="1' 2=' &.$ / N#=' ' :F#<<$=1 ' %#1%"C' N#=' 2F' E% I D%C 1 %"-' I Y I =' /#' <#1#$' E%"E 2=' 2F CCF 1' C "J#2 Q$= I ="1' M' / .C $=$-' =1' "% #C1 < F 1' M' F#E#"' D% "1' /=' &#=' C%"' 1 1$=' /=' E%"E 2=' "F0 1 %"F2 ' DD2 N#.=' M' 2F' $F"E=-' E=21=' /."% I "F1 %"' I F"N#F 1' /=' &.$ 1.-' EF$' 2=C' .&YN#=C' 1F2 ="C' C L' 1$%#0 &F ="1' .JF2= I ="1'E%"&%N#.C ' 22=' " .1F 1' DFC' D2#C' #C1=' ="' E=' N#' $=JF$/F 1' 2F' $F"E=' =1' 2 1F2 =' $.#" =C' =1' E%"C /.$.=C' E% I I =' "=<%$ I F"1' D2#C' N# #"' C=#' = I D $=-' EF$' 2=C' .&YN#=C' / %#1$=+ I %"2C' .1F ="1' F2%$C' ="' DF$1 =' = I D$ C%""'.C' =1' ="' DF$1 =' .2% J".C' /=' 2=#$C' C QJ=C' 8#% N#=' 2=C' D$%& "E=C' 1F2 =""=C' C%# I C=C' M' 2F' /% I 0 "F1 %"' <$F"PF C=' E% I D1FCC="1' E="1' E "N#F"1=+/=#W

) ' ; %L=X' 2F' K$%EO#$=' I D$ I .=' C% +/ CF"1' DF$' %$/$=' /#' E%"E 2=-' ="' $.F2 1.' / FD$QC' 2=C' "CD $F1 %"C' /#' J%#&=$"= I ="1' I D.$ F2-' EO=X' /$ ="' =E2=$E-' # "')*))' -' "1 1#2.=' # #+ ' $' ! ! ' ' ' ' Q

; ')

)B,' m :4 ! ' ' ' 7 ' 7

) ` ' C QJ=C .D CE%DF#W- 2 " L =#1 N#= N#F$F"1=+/=#W /= E=C D$.2F1C N# ' FCC C1Q$="1 F#W /.2 K.$F1 %"C /# E%"E 2=' 7F$ I ' 2=C .&YN#=C /= $F"E=- D$=CN#= 1%#C F# E%"1$F $= <#$P"1 D$.C="1C- M 2 =WE=D1 %"' /=C 1 1#0 2F $=C /=C C QJ=C /# F"C =1 /= F %E2 =22=- $=1=0 "#C EO=X =#W DF$ 2=#$C "< $ I 1.C ' F$EO=&YN#= /= %#$J=C &="F 1 /= I %#$ $ ' .&YN#= /= .=X " F&F 1 D% "1 .1.' E%"&%N#.' DF$E= e #= 2 = I D=$=#$ 2# ' F&F 1 <F 1 /%"D=$ CF /. I CC %" ' # %#$ /= 2 %#&=$1#$= /.0 < " 1 &= /# E%"E 2=- E =C1+M+/ $= 2=)\' # "- 2=C I = I 0 K$=C C= 1$%#&F ="1 /%"E F# "% I K$= /= N#F1$=+& "J1+ N# "X=- "= $=D$.C="1F"1 DFC ="' $.F2 1.' 2F I % 1 .' /=C C QJ=C $.#" C /= 2 J2 C= /= $F"E= =1 / 1F2 = =)\' # "')*))- M O# 1 O=#$=C /O I F1 "- 2=C D$.0 2F1C E%"&%N#.C C= $.#" $="1 /F"C 2=C CF22=C /= 2 F$EO=0 &YEO.' /= 7F$ C $ 2C .1F ="1 1%#C $=&Y1#C /= 2=#$C OF0 K 1C .D CE%DF#W- ="' EOFD= =1 ="' I 1$=' 7$.E./.C DF$ 2= EOFD 1$= I .1$%D%2 1F "- 2C C FEO= I "Q$="1 F "C ' D$%E=CC %""=22= I ="1 &=$C 2 .J2 C= /= ! %1$=+3F I =- 1$F0 &=$CF"1 C#$ 2=#$ DFCCFJ= #"= <%#2= D2#C E#$ =#C= D=#1+ Y1$= N#= $=E#= 22 = ' 2C .1F ="1- E% I I = "%#C 2 F&%"C / 1- F# "% I K$= /= N#F1$=+& "J1+N# "X=- 6 ' C W EF$/ 0 "F#W- O# 1 F$EO=&YN#=C =1 N#F1$=+& "J1+#"' .&YN#=C- 6 'CF"C E% I D1=$ "=#<=EE2.C FC1 N#=C D%#$&#C /= C QJ=C .D CE%DF#W DF$ 2 = I D=$=#$- I F C "%"' ="E%$= "C1 1#.C

DF$ 2=' DFD=' F' J$F" /=' "=< /=' ! %1$=+3F I =' .1F 1' F&1 "1' 2=#$ F$$ &.=' /. O' $= I D2 =' $F" /' "% I K$=' /=' <%"E1 %"0 "F $=C' C L' .1F ="1' $=" /#C-' I F C' D$ &. I ="1' =1' CF"C' D%$1=$' 2=#$' E%C1# I =' %<< E =2$' E=21=' %#&=$1#$=' /#' E%"0 E 2=' .1F 1' 1%#1' M' <F 1' D#K2 N#=' 22=' E%"C1 1#F 1m=' N#=' 2=C' .E$ &F "C' =EE2.C FC1 N#=C' %"1' E%#1# I =' / FDD=2=$' 2F' D$= I Q$=' C=CC %"' /#' E%"E 2=' /=')*)) ' 3 FD$QC' 2=C' 1$F0 / 1 %"C' /=' 2 J2 C=' EF1O%2 N#=-' E=C' C=CC %"C' /% &="1' =" =<<=1' C=' 1=" $' 1%#1=C' D%$1=C' %#&=$1=C ' G%$C' /=' 2F' /=$0 " Q$=' C=CC %"' /#' E%"E 2=-' %#' K =" N#F" /' 2' I D%$1=' /=' D$%E2F I =$' I I ./ F1= I ="1' N#=2N#=' $.C%2#1 %"' F$$Y1.=' DF$' 2F' /%E1=' FCC= I K2.=-' E =C1' 2 #CFJ=' N# #"' /=C' D$.0 2F1C' I %"1=' =" EOF $=' =1' /%" "=' 2=E1#$=' M' OF#1=' &% W-' =1' 2=' D2#C' C%#&="1' =" 2F1 "-' /=C' /.E2F$F1 %"C' &%1.=C' /F"C' 2=C' E%"J$.JF1 %"C' J." .$F2=C' %a' 2=' D#K2 E' " =C1' DFC' F/ I C-' =1' F#' C= " /=CN#=22=C' 2=C' / CE#CC %"C' %"1' =#' 2 =#' D$.F2FK2= I ="1-' 2% " /=C' %$= 22=C' /#' &#2JF $=' 2' F&F 1' DF$#' CFJ=-' I Y I =' F#1$=<% C-' /=' "=' DFC' 1$%D' " 1 =$' 2=C' < /Q2=C' F#W' O.C 1F1 %"C' N#' D%#&F ="1' C=' D$%/# $=' ="1$=' 2=C' 7Q$=C' /#' E%"E 2=' =11=' #1 2=' D$.0 EF#1 %"' F&F 1' D%#$' $.C#21F1' / F %#1=$' M' 2 F#1%$ 1.' /=C' %D " %"C' /%"1' 2 %$1O%/%W =' .1F 1' C%2="" "=22= I ="1' D$%0 E2F I .=')=' D$=C1 J=' / #"=' #"F" I 1.' FDDF$="1=' ="

)B 4 ' ! ' ' ' 7 ' 7

"=' I F"N#F 1' /%"E' /F"C 2=C' C QE2=C' DFCC.C' F#' /$F I F0 1 N#=' =<<=1' /=' E=C' FCC C=C' =W1$F%$/ "F $=C' /=' 2 J2 C=' I D%$1F"E=' ="' .1F 1' ="E%$=' C "J#2 Q$= I ="1' FEE$#=' DF$' 2 . I %1 %"' /=C' CD=E1F1=#$C' /=' 1%#1=C' E2FCC=C-' DF$1 0 E#2 Q$= I ="1' /=C' I FCC=C' D%D#2F $=C-' F2%$C+C ' F$/="1=C' M' D$="/$=' DF$1' F#W' /.KF1C' $=2 J =#W' =1' N#' F11="/F ="1' F&=E' #"=' F"W .1.'< .&$=#C=' 2F' D#K2 EF1 %"' /=C' C="1="E=C' /%"1'2F' 1="=#$' /.< " 1 &=' F22F 1'/.E /=$' /=C' E%"1$%&=$C=C' /#' %#$-' /%""=$' 1%$1' F#W' #"C-' $F C%"' F#W' F#1$=C-' =1' C=$& $' /.C%$ I F C' /=' $QJ2=' "E%"1=C1.=' F#W' E$%LF"E=C' /=' 1%#C

2' " ="' .1F 1' DFC' 1%#1' M' <F 1' F "C ' /F"C' 2=' 7F$ C' /=')*))-' 2' "=' <F#/$F 1' DFC-' C%#C' D= "=' /=' C=' K=F#E%#D' I .D$="/$=-' C I FJ "=$' "%"' D2#C' N#=' 2=' E%"E 2=' "F1 %0 "F2' C=' C% 1' %#&=$1' F#' I 2 =#' /=' 2 "/ <<.$="E=' J." .$F2=' ="' /=' I % "C' &$F ' =#W+2M' C=#2C' 2 F<< $ I =$%"1' D=#1+' Y1$=' #"' %#$' N#' C=' E% I D2F $%"1' M' &%#2% $' D$="/$=' 2 O C1% $=' 1%#1=' <F 1=' /F"C' 2=C' E%2%""=C' /# ' $ ' U $ ')) ! ' ' 1 + ') Y ' 3F"C' 2=' D ' $ ' M' D= "=' /.E%#&$=+1+%"' ="' =<<=1-' /=' 1= I DC' M' F#1$=-' N#=2N#=C' I %1C' FCC=X' K$=<C' =1' DF$<% C' "=WFE1C' C#$' E=' N#' C =C1' DFCC.' M' 2 FCC= I K2.=' /=C' D$.2F1C' $.#" C' 2=')\' # "' /F"C' 2 .J2 C=' /=' s ! %2$=+3F I =' "' $=&F"EO=-' %"' L' 1$%#&=$F' <%$E=' /.1F 2C' C#$' 2F' C=CC %"' /# %$DC' 2.J C2F1 <-' N#=' ! FD%2.%"-' DF$' #"=' C "J#2 Q$=' E%V"E +

)B*' Hf ! ' ' ' 2 ' 7

/ J =#W' N# 2' C c1F 1' D$%2%"J.' 2=' C% $' ="E%$=' C%#C' 2=C'
<="Y1$=C' /=' C%"' I D.$ F2=' /= I =#$=-' I F C' N#' <#1'
C#$1%#1' D%$1.' M' C%" E% I K2=' d N#F"/' $%$E2 =C $=' /=C'
2=$ =C' C=' I 1' M' =W.E#1=$' 2 %#&=$1#$=' /=' ' #D
+ ! ' ' '$ ' ' ' ' !4'5 ' ' #+ + '
1=$ I ".C' DF$' 2=' <F I =#W' Z , ' ' F#N#=2' C=' C%"1'
I Y2.C' 2=C' E$ C' =1' 2=C' FDD2F#/ CC= I ="1C' /=' 2F' <%#2=' $.0
DF"/#=' /F"C' 2=' F$/ "' R' 5 D$QC' F&% $' ="1$=1="#' 2='
D#K2 E' /=' $F"E=' =1' / #$%D=' / "E /="1C' F#CC ' E%"C 0
/.$FK2=C-' N#=22=' E2 F"E=' $=C1F 1+ 2' /=' 2 "1.$=CC=$' F#W'
F<<F $=C' /#' E%"E 2=' "F1 %"F2g' 2' " L' F#$F 1' D$%KFK2=0
I ="1' D$Y1.' N# #"=' %$= 22=' 1$%D' / C1$F 1=-' =1-' DF$' .JF$/'
CF"C' /%#1=' D%#$' 2 F#J#C1=' FCC= I K2.= ' ! FD%2.%"' %$0
/%""F' N# %"' " ="' <Z1' DFC' 2F' I % "/$=' I ="1 %" ' 3 C%"C'
2F' C I D2=' &.$ 1. ' =' EO=</=' 2 1F1' " F&F 1' DFC' =#' 2 =#'
/ Y $=' CF1 C<F 1' /=' 2 I D$=CC %"' D$%/# 1=' C#$' 2 %D " %"'
DF$' 2=C' /=#W' %#$".=C' /#') ' =1' /#')\' # "')*)) ' F'
E.$. I %" =' $=2 J =#C=' F&F 1' E% I D2Q1= I ="1' .E2 DC.' 2F'
C.F"E=' 2.J C2F1 &=-' =1' " ' 2 #"=' " ' 2 F#1$=' " F&F 1' 1%#$".'
F#' D$%< 1' /=' 2F' D%2 1 N#=' I D.$ F2=S' E =C1' D%#$N#% ' 2='
' $ ' F&F 1' =#' %$/$=' /=' C=' $="<=$ I =$' /F"C' #"'
FKC%2#' C 2="E=

7%#$' C =WD2 N#=$' 2 .EO=E' .D$%#&.' DF$' 2 = I D=$=#$' =1

$.' ' $ ' /#')\' # 112

2=' /.D 1' N# 2' ="' $=CC="1 1-' 2' <F#1' C=' $=D%$1=$' ="' I F0 J "F1 %"' M' 2 .D%N#=' /%"1' "%#C' EO=$EO%"C' M' $=D$%/# $=' 2F' &.$ 1FK2=' DOLC %"% I =-' =1' =' $FDD=2=$' 2 .1F1' / F I 0 K 1 =#C=' F11="1=' %a' 2=C' =CD$ 1C' .1F ="1' E%"1 "#=22= I ="1' 1="#C' C%#C' 2=' D$= I =$' = I D $=' DF$' #"' EO=< N#' F&F 1' D$ C' CLC1. I F1 N#= I ="1' 2 OFK 1#/=' /=' D$.DF$=$' EOFN#=' F"".=' D%#$' C=C' C# =1C' . I =$&= 22.C' 2=C' D2#C' K=F#W' E%#DC' /=' 1O.b1$=' '" CF&F 1' #"' D=#' &FJ#= I ="1' M' 7F$ C-' I F C' ="< "' %"' CF&F 1' N#=' 1$% C' .&YN#=C' /=C' D2#C' / C1 "J#.C' F&F ="1' .1.' I LC1.$ =#C= I ="1' ="&%L.C' M' F&%"=' F#D$QC' /#' CF "1+DQ$=' %#1' 2=' I %"/=' =CD.$F 1' /%"E-' =1-' D%#$ 2=#$' E% I D1=-' 2=C' EF1O%2 N#=C' 2=C' D2#C' /.&%#.C' M' 2 = I 0 D $=' "=' C=' D=$ I =11F ="1' DFC' /=' /%#1=$' N# 2C' " =#CC="1' D2= "= I ="1' $.#CC' /F"C' 2=#$' I CC %"' % "' / ="' Y1$m' .K$F"2.=-' 2=#$' E%"< F"E=' F&F 1' ="E%$=' $=/%#K2.' N#F"/ 2C' F&F ="1' &#' 2 %#&=$1#$=' /#' E%"E 2=' $=1F$/.=' /=' N#=20 N#=C' %#$C-' F< "' /=' E%V"E /=$' M' #"' %#$' D$QC' F&=E' E=22=' /=2M' C=CC %"' 2.J C2F1 &=' ! #22=' "E=$1 1#/=' " .1F 1' D2#C' D%CC K2='))' /=&="F 1' I F" <=C1=' F#W' L=#W' /=' C=C' F/ I 0 $F1=#$C' DFCC %"".C' N#=' 2=' J$F"/' E%"N#.$F"1' N#' &=0 "F 1' /=' /%""=$ 2F' DF W' D%2 1 N#=' F#' E%"1 "="1' DF$' C%"' J2%$ =#W' I F$ FJ=' F&=E' #"=' F$EO /#EO=CC=' F#1$ EO ="'"=' C=' D$%D%CF 1' /=' $=" /$=' F#CC' 2F' DF W' F#W' E%"CE ="E=C' DF$' #"' O=#$=#W' FEE%$/' F&=E' 2=' C%#&=$F "' D%"1 <=' 8#%' /=' D2#C' "F1#$=2-' C -' E%N I =' E=2F' .1F 1' C%"' /$% 1

$FK2=' N#=' C J"F2F ="1' ="' E=' I % I ="1' 2=C' /.DYEO=C' /#' D$.<=1' /=' %"1="%11='d =C' F<<F $=C' /=' 2F' $=2 J %"-' / 0 CF 1' ! FD%2.%"-' %"1' .1.' 1$%D' C%#&="1 I c2.=C=1' CFE$ < .=C' F#W' "1.$Y1C' / #"' 1F1' /#' 1$% C Q I =' %$/$=' ' 2F' I % 1 .' /=' 2 #$%D=' C =C1'C.DF$.=' /=' 2 J2 C=' /=' % I =-' %"' D=#1' 2 F11$ K#=$'CD.E F2= I ="1' M' 2F' E%"1$F/ E1 %"' N#' " F' E=CC.' / =W C1=$' ="1$=' 2=C' &.$ 1.C' =12=C' D$ "E D=C' /=' 2F' $=2 J %"-' N#' C%"1' D%#$' 1% 1' 2 #" &=$C-' =1' /=C' D$.1="1 %"C' =1' /=C' "1.$Y1C' N#' " =' $=JF$/="1N# #"' 1$QC+D=1 1E% "' /=2 1F2 =' : F' I C' < '" M' E=CEF" / F2=D%#$'1%# %#$C' : F' $.#" ' % I =' M' 2 = I D $=' : F' FEE%$/.' /=C' DF2F C' F#W' DFD=C' M' % I =' =1' M' 7F$ C' 2C' N"1' M' E%=#$' 2=C' "1.$Y1C' /=' 2F' $=2 J %"-' 2C' &%#/$%"1' C. %#$"=$' C%#&="1' F#' E="1$=' /QC' F<<F $=C' /=' 2F' EO$.1 ="1.' (" + '%$' "Q ' #)# ' + ' $' #U $' ' ' ' ' ' R' 5 =C' F21 Q$=C' DF$%2=C-' N#' I %"1$F ="1' 2 = I D=$=#$' D2#C' N#=' F I F C' %KC1 ".' M' 2F' D%#$C# 1=' /=' C=C' D$% =1C' /=' /% I "F1 %"' CD $ 1#=22=-' "=' D%#&F ="1' I F"N#=$' / F&% $' #"' D." K2=' $=1="1 CC= I ="1' F#D$QC' /=C' I = I K$=C' /#' E%"E 2=-' =1' /QC' 2=' 2="/= I F "' 2=' E%"1$=+E%#D' C ="' < 1' C="1 $

"C' N#=' "%#C' 2 F&%"C' /. M' =WD2 N#.-' 2F' D$= I Q$=' $.#" %"' /=C' D$.2F1C' E%"&%N#.=' M' ! %1$=+3F I =' .1F 1' #"=' $.#" %"' 1%#1' %<< E =22=-' /=' D#$=' <%$ I =-' D%#$' F "C

)' ' $' /#')\' # "')*))

N#=22=C-' 2F CC.' M' 2# + I Y I =-' 2=' D2#C' $.C%2#' / ="1$='=#W' F#$F 1' D$%KFK2= I ="1' $=E#2.

F' I F" <=C1F1 %"' $=2 J =#C=' C ' D=#' D$. I ./ 1.=-' =1' D=#1+Y1$='<F#/$F 1+ 2' F %#1=$-' M' o:=# D$QC' "&%2%"1F $=-' N#='2=C' .&YN#=C' %DD%CQ$="1' M' 2F' /.E2F$F1 %"' D%2 1 N#='/=' 2 = I D=$=#$-' " F&F 1' ="' $.F2 1.' F#E#"' EO=<' =' <#1' 2=' OFCF$/' N#' 2#' /%""F' D%#$' D$ "E DF#W' %$JF"=C' 2=' EF$/ "F2' =CEO-' 2=' D$%D$=' %"E2=' /=' 2 = I D=$=#$-' ' /=' %#2%J"=-' .&YN#=' /=' $%L=C-' /%"1' 2=C' OF$F$1J#=C' F/#2F1$ E=C' F&F ="1' 1F"1' /=' <% C' EOF$ I .' 2=C' OFK 1#.C' /=' 2F' EOFD=22=+/=C' # 2=$ =C-' =1' 2=' $=CD=E1FK2=' F$EO=&YN#='/=' %$/=F#W-' ' / & F#-' 2 O% I I =' 2=' D2#C' .1$F"J=$' F#W' DFCC %"C' /=C' DF$1 C' "' CF' N#F2 1.' /=' D$.C /="1' /#' E%"E 2=-' 2=' EF$/ "F2' =CEO' F&F 1' /a' %<2 E =$' D%"1 < EF+' 2= I ="1-' =1-' C#$' 2F' /.C J"F1 %"' /=' C=C' E%22QJ#=C-' ' /=' %#2%J"=' F&F 1' .1.' EOF$J.' /=' D$%"%"E=$' 2Q' C=$ I %"' / #CFJ=-' /%"1' 2' F&F 1' D$.F2FK2= I ="1' /%""." E%""F C0 CF"E=' M' N#=2N#=C' I = I K$=C' /#' E%"E 2=-' DF$1 E#2 Q$=0 I ="1' M' C%"' D$.C /="1' =' EF$/ "F2' 2 F&F 1' F#CC 1c1' D%$1.' 2# + I Y I =' M' 2 = I D=$=#$' I F C' E=2# +E -' / %$/ "F $=' <%$1' F11="1 <' M' $=JF$/=$' F#W' DF$%2=C' N#' /=&F ="1' Y1$=' D#K2 N#= I ="1' /.K 1.=C' ="' EOF $=-' " F&F 1' DFC' =#' 2=' 1= I DC' /=' D$=" /$=' 2=E1#$=' /#' / CE%#$C' /=' ' /=' %#0 2%J"=' $ 2' C=' E%"1="1F' /=' /= I F" /=$' M' C%"' %"E2=' C 2' 2#' ="' $.D%" /F 1' =' EF$/ "F2' F<< $ I F' N#=' /=#W' %# 1$% C

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DFCCFJ=C C=#2= I ="1 2# ' F&F ="1 DF$# D%#&% $ D$Y1=$ M /= <bEO=#C=C "2=D.1F1 %"CS 2 2=C F&F 1 C J"F2.C M 2 %$F1=#$ /# E%"E 2=- N# ' 2# ' F&F 1 D%C 1 &= I ="1 D$% I C UZ ' 2=C C#DD$ I =$ ' = I D=$=#$- D2= "' /= E%"< F"E= /F"C 2=C K%""=C / CD%C 1 %"C M 2# ' E%""#=C /= 2 .&YN#= /% $%L=C-C= 1="F 1 /%"E D%#$ FCC#$.' N# 2 "= $ CN#F 1 DFC /= 2 $= /F"C 2= ' $ ' F# 2="/= I F "' /= E=11= E.$.0 I %" =- F#E#"= DO$FC= N# ' <]1 /= "F1#$= M 2# /.D2F $= =D="/F"1 2 %EEFC %"' .1F 1 C%2=""=22= ' 4"' I D%CF"1 F#/ 1% $= $= I D2 CCF 1 2= EOn#$ /= 2 EF1O./$F2= ' =C .&YN#=C- I 1$= ="' 1Y1= =1 2= Kb1%"' DFC1%$F2 M 2 I F "- ="' %EE#DF ="1 1%#1=C 2=C C1F22=C ' #+/=CC%#C / =#W .1F ="1 FCC C 2=C =EE2.C FC1 N#=C N# ' 2=#$ C=$&F ="1 /= 1O.%2%J ="C %# / F# I c" =$C ' =C 1$ K#"=C C#D.$ =#$=C F&F ="1 .1.' $.C=$&.=C D%#$ 2=C /F I =C =1 D%#$ 2=C 2FVN#=C /= / C1 "E1 %"' $ #"= <%#2= E% I DFE1= /.K%$/F"1 #CN#= C#$ 2=C KFC E%1.C F&F 1 ="&FO ' 2 "=< I I ="C= ' 8#=22= %EEFC %"' I FJ" < N#=- I F C F#CC ' N#=22= =<0 <$FLF"1= $=CD%"CFK 2 1.' D%#$ ' /= %#2%J"=- N# ' DFC0 CF 1- "%"' CF"C $F C%"- D%#$ 2= D$= I =$ D$./ EF1=#$ /= C%"' 1= I DCS = EF$/ "F2 F#$L- N# ' C L E%""F CCF 1- F&F 1 EF$FE1.$ C.' 2 C 1#F1 %"' /# I F2O=#$=#W %$F1=#$ ="' C .E$ F"1 íd := "= CF C C 2 C ="' 1 $=$F- I F C E =C1 #"' &.$ 1FK2= EFCC=+E%# N# #"' DF$= 2 / CE%#$C ' 5 " I .' DF$ 2= CD=E1FE2= N# 2 F&F 1 C%#C 2=C L=#W- F2%#W CF"C

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N#=' C% 1' 2 CC#=' /=' &%C' /.2 K.$F1 %"C-' N#=7' N#=' C% 1' 2=' DF$1 ' N#=' 2 "1.$Y1' /=' "%C' J2 C=C' D%#$$F' "%#C' C#JJ.$=$-' F I F C' "%#C' " FKF"/%""=$%"C' E=C' D$ "E D=C' I I #FK2=C' N#' "%#C' F11FEO="1'M' 2 #" 1.-' M' E=11=' D =$$=' F"J#2F $=-' M' E=11=' E2=<' /=' 2F' &%]1=' CF"C' 2FN#=22=' 1%#1' 2 ./ < E=' C .E$%#2=$F 1' C#$' 2# + I Y I = ' :F I F C' "%#C' "=' "%#C' /.1FEO=$%"C' /=' E=C' D$= I =$C' F""=F#W' CF"C' 2=C0 N#=2C' 1%#C' 2=C' F#1$=C' C=' /.$%#2=$F ="1-' =1' "=' 2F CC=0 $F ="1' D2#C' $ ="' N#=' E%"<#C %"-' F"F$EO =' =1' $# "= ' :F I F C' "%#C' " %#K2 =$%"C' 1%#1' E=' N#=' "%#C' /=&%"C' /=' $=CD=E1' =1' / F I %#$' M' E=11=' J2 C=' $% I F "=' N#' "%#C' F' ="J="/$.C' ="' :.C#C+ O$ C1-' =1' N#' "%#C' F' "%#$$ C' /#' 2F 1' /=' 2F' /%E1$ "=-' M' E=11=' EOF $=' F#J#C1=' N#=' 2=C' 7Q$=C' FDD=22="1' 2F' E 1F/=22=' /=' 2F' &.$ 1.-' =1' M' E=' EO=<C#D$Y I =' /=' 2 .D CE%DF1' CF"C' 2=N#=7' 1%#1' 2 .D CE%DF1' C=' /.1$# $F 1' 2# + I Y I =' =1' "=' <=$F 1' D2#C' N#=' 2F"J# $' E% I I =' #"=' K$F"EO=' /=CC.EO.=' /#' 1$%"E-' %#' C FJ 1=$' F#' J$.' /=C' <2%1C' E% I I =' #"' &F CC=F#' CF"C' J%#&=$"F 7' =1' CF"C' D 0 2%1=' #-' N#=2N#=C' & E CC 1#/=C' N# .D$%#&=' 2=' C QJ=' /=' 7 =$$=-' N#=2C' N#=' C% ="1' 2 .1F1' =1' 2F' E%"/ 1 %"' /=' C%"' F#J#C1=' C#EE=CC=#$-' 1%# %#$C' "%#C' 1 ="/$%"C' M' 2#' DF$' 2=C' 2 ="C' /#' $=CD=E1' =1' /=' 2F' $.&.$="E=' < 2 F2=' =' C QJ=' D%#$$F' Y1$=' /.D2FE.-' 7' "=' D%#$$F' Y1$=' /.1$# 1' "' D%#$$F' 2#' c1=$' /=' CF' CD2="/=#$-' %"' "=' D%#$$F' DFC' 2#' c1=$' /=' CF' <%$E=' 7F$1%#1' %a' E=' C QJ=' C=$F-' 2M' 1%#C' 2=C

{ * ' ! ' ' ' 7 ' 7

F#1$=C C=$ $.#" $% 1' 7F$1%#1' %a' E=$ C QJ=$ C=$ 1$F"CD%$0 1=$F-$ 1%#C' 2=C' EF1O%2 N#=C' 2=$ C# &$%"1-u DF$E=$ N#=$ DF$0 1%#1' %a' 2 ' < W=$F-$ 2M' C=$F' 2F' 1 J=$ /=$ 2F' C#EE=CC %"-$ 2=$ E="1$=$ /#' J%#&=$"= I ="1' =1' 2=$ /.Dc1' CFE$.' /=C' 1$F/ +' 4b ' FD%C1%2 N#=C ' =2C' C%"1' "%C' C="1 I ="1C' "&F$ F0 K2=C-$ N#=$ "%#C' D$%E2F I %"C' F %#$/ 2 #' M' 2F' <FE=$ /=$ 2 #" &=$C-$ M' 2F' <FE=$ /=$ 1%#1=C' "%C' J2 C=C-$ /%"1' "%#C' D%$1%"C' ="' E=$ I % I ="1' 2=C' &n#W' =1' /%"1' "%#C' F11=C1%"C' 2F' <% -$ M' 2F' <FE=$ /=C' CF "1C' F#1=2C' =1' F#' I 2 =#' /=$ E=11=$ KFC 2 N#=$ %a' "%C' DQ$=C' FCC= I K2.C' & "$="1' D2#C' / #"=$ <% C' E I ="1=$' 2F' DF W' /=$ 2 J2 C=$ =1' FDF C=$' DF$' 2=#$' CFJ=CC=$ /=C' 1$%#K2=C' =1' /=C' / <<.$="/C-$ O.2FC' Š 1$%D' $=C+' CE1"K2F"2C' M' E=#W' N#' "%#C' %EE#D="1' F# %# m O#' R ' ' =11=$ D$%<=CC %"' /=$ <%' D$%"%"E.=$ / #"=$ &% W' J$F&=$ =1' $=1="1 CCF"1=$ F&F 1' =1.' /F"C' 2 FCC= I K2.=$ ="1 Q$=$ #"=$ "/ E K2=$. I %1 %"' + =<<=1' ="' /#$F 1' ="E%$=$ N#F"/' ' 3#&% C "-$.&YN#=$ /=$! F"1=C-$ I %"1F' ="' EOF $=$ M' C%"' 1%#$' D%#$' L' 2 $= ' E% I I =$ 2' F&F 1' .1.' E%"&="#' ="1$=$ 2=$ EF$/ "b2' =CEO' =1' 2 = I D=$=#$-$ 2=$ /.E$=1' / %#&=$1#$=$ /#' E%"E 2=$ =1' 2=$ $=J2= I ="1' N#' /=&F 1' D$.C /=$' F#W' /.0 2 K.$F1 %"C' /=$ 2 FCC= I K2.=' =11=$ D$= I Q$=$ <%$ I F2 1.' FEE% I D2 =-$ 2 .&YN#=$ /=$! F"1=C-$ C# &F"1' #"' F#1$=$ #CFJ=$ N#' =C1' /=$ 1$F/ 1 %"' /F"C' 2 J2 C=-$ F22F' /= I F"/=$ "+

' A ', ' ! + 8' ' /=$ ' /=$ %#2%J"=-$.&YN#=$ /=$ $%L=C

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/ & 2#=22= I = 2 M EOFE#" /= C=C E%22QJ#=C- ="" C F$$Y+ 2F"2 /=&F"1 2# - C 2 2# D2F CF 1 ="" =<<=1 N#= 2= E%"E 2= <]1 %#&=$1 8#F"/ C%" 1%#$ <#1 &="# i d # - = 2= &=#W- $.D%"/ 1 FEOE&.N#= /= %$/=F#W ="" "E2 "F"1 2F 1Y1=- CF#< 1%#1=<% C 2 %K. CCF"E= /#= F# C%#&=$F " D%"0 1 <=- %K. CCF"E= M 2FN#=22= = I ="JFJ= =1 N#= = #$= 5 4"= C%$1= /= <$. I CC= I ="1 C= E% I I #" N#F F#W I = I K$=C /# E%"E 2= N#F"/ 2C ="1=" / $="1 E=C DF$%2=C D$%"%"E.=C DF$ / & F# / #"= &% W <=$ I = = " .1F 1 ="E%$= 2M N# #"= I F" <=C1F1 %" C%2.= ="1c1 1%#C 2=C $=JF$/C C= 1%#$"Q$="1 /# Ec1. /# D$.C /="1 /# E%"E 2=- N# - C# & /=C D$Y1$=C %<< E F"1C- C= / $ J=F 1 &=$C #"= =CDQE= / =C1$F/= ="" <%$ I = /= 1$c"= N# F&F 1 .1. D$.DF$.= D%#$ 2# F# I 2 =# I Y I = /# EOn#$ M- C= I =11F"1 2="1= I ="1 M J="%#W =1 D2F0 PF"1 2F I F " C#$ 2= 2 &$= /=C &F"J 2=C N#= C=C F#0 I c" =$C 1="F ="1 %#&=$1 /=&F"1 2# - 2= EF$/ "F2 =CEK C= I 1 M D$%"%"E=$ M 1$QC+OF#1= &% W 2F <%$ I #2= /# C=$ I ="1 D$=CE$ 1 DF$ #"= F"E =""= K#22= /# DFD= 7 = ; = C=$ I ="1 $="<=$ I F 1 2F D$%<=CC %" /= <% 2F D2#C =WD$=CC= =" <F&=#$ /# /$% 1 /# CF "1+C QJ= d := $=E%""F C- / CF 1+ 2- 2F CF "1= J2 C= EF1O%2 N#=- FD%C1%2 N#= =1 $% I F "=- I Q$= =1 I FZ1 =CC= /= 1%#1=C 2=C F#1$=C J2 C=CS = D$% I =1C =1 = #$= F# D%"1 <= $% I F "- C#EE=CC=#$ /= CF "1 7 =$$=- D$ "E= /=C FDc+

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$=Cˢ =1ˢ & EF $=ˢ /=ˢ :.C#C+ O$ C1ˢ C#$ˢ 2Fˢ 1=$$=-ˢ #"=ˢ &.$ 0
1FK2=ˢ %K. CCF"E=ˢ 5

"C ˢ /QCˢ 2=ˢ /.K#1ˢ /#ˢ E%"E 2=-ˢ 2=ˢ D$%D$=ˢ %"E2=ˢ /=ˢ
2 = I D=$=#$ˢ &="F 1ˢ 2# + I . I =-ˢ DF$ˢ #"ˢ FE1=ˢ $.<2.EOˢ =1ˢ
C%2=""=2-ˢ C=ˢ 2 =$ˢ $$.&%EFK2= I ="1ˢ ="&=$Cˢ 7 =ˢ -+ˢ
E% I I =ˢ &="F 1ˢ /=ˢ 2=ˢ <F $=ˢ D=#ˢ /=ˢ 1= I DCˢ F&F"1ˢ 2#ˢ /F"Cˢ
2 F$/=#$ˢ /=ˢ C%"ˢ XQ2=ˢ 2 I D.1#=#Wˢ F$EO=&YN#=ˢ /=ˢ %$0
/=F#Wˢ =ˢ " =C1ˢ DFCˢ 1%#1ˢ D$QCˢ F&% $ˢ D$%"%"E.ˢ C%"ˢ
C=$ I ="1ˢ / %K. CCF"E=ˢ < 2 F2=ˢ F#ˢ CF "1+DQ$=-ˢ 2=ˢ EF$/ "F2ˢ
=CEOˢ "& 1Fˢ 2=Cˢ EF$/ "F#W-ˢ 2=Cˢ F$EO=&YN#=Cˢ =1ˢ .&YN#=Cˢ
FDD=2.Cˢ F#ˢ E%"E 2=ˢ Mˢ &=" $ˢ #"ˢ Mˢ #"ˢ $.D.1=$ˢ ="1$=ˢ
C=Cˢ I F "Cˢ 2Fˢ D$%<=CC %"ˢ /=ˢ <%ˢ /%"1ˢ 2ˢ F&F 1ˢ /%"".ˢ
2 =W= I D2=ˢ dˢ 2ˢ F$$ &F 1ˢ F#Wˢ D$.2F1C-ˢ $FE%"1=ˢ C%"ˢ
K %J$FDO=-ˢ 2 FKK.ˢ L%""=1-ˢ F# %#$/ O#ˢ F$EO=&YN#=ˢ
/ 2K -ˢ /=ˢ "%ˢ DFCˢ 2 $=ˢ FCC=XUˢ / C1 "E1= I ="1ˢ 2Fˢ <%$ I #2=ˢ
D$=CE$ 1=-ˢ C%"ˢ I "="E=ˢ 2=Cˢ ="JFJ=F 1ˢ CF"Cˢ I ."FJ=0
I ="1Cˢ Mˢ $=D$="/$=ˢ 2=#$ˢ CL I K%2=ˢ "ˢ $= I F$N#Fˢ C#$0
1%#1-ˢ F %#1=ˢ 2=ˢ D =#Wˢ .E$ &F "-ˢ N#=ˢ CFˢ /.2 EF1=CC=ˢ
/=&="F 1ˢ D2#Cˢ J$F"/=ˢ N#F"/ˢ F$$ &F 1ˢ 2=ˢ 1%#$ˢ /=Cˢ F"0
E ="Cˢ E%"C1 1#1 %""=2Cˢ %#ˢ /=ˢ E=#Wˢ /%"1ˢ 2 %$1O%/%W =ˢ
.1F 1ˢ C#CD=E1=ˢ Rˢ 5

ˢ E%#Dˢ C]$-ˢ E .1F 1ˢ 2Mˢ #"=ˢ C# 1=ˢ /=ˢ I F" <=C1F1 %"C

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2 F2 K=ˢ L%"F=1-ˢ 1ˢ -ˢ Dˢ B

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&= I ="1' N#=' E=' <a2-' 2=C' "E E2="2C' C#$&="#C' M' ! % $=+'
3F I =' /=&F"1' 1F"1' /=' 2. I % "C-' "E /="1C' N#' /.<$FLF ="1'
2=C' E%"&=$CF1 %"C' /=' 1%#C' 2=C' CF2%"C' =1' /=' 1%" =C' 2=C'
CFE$ C1 =C' /=' 7F$ C ' %"' $$ 1F1 %"' .1F 1' =W1$Y I = ' 22='
C=' 1$F/# C 1' / FK%$/' ="' #"' & %2="1' FEEQC' /=' E%2Q$='
E%"1$=' 2=' EF$/ "F2' =CEO-' N# -' F#' C%$1 $' /=' 2F' E.$.0
I %" =-' <#1' I F"/.' M' F "1+ 2%#/' =1' 1$F 1.' DF$' C%"' "=0
&=#' F&=E' 2F' /=$" Q$=' /#$=1. ' d))' " ="' <F CF 1' F I F C'
/ F#1$=C-' E .1F 1' #" N#= I ="1' CF' <F#1=' 8#=22=' C%11 C=' /='
CF' DF$1' /=' " F&% $' $ ="' D$.&#' s' 2' .1F 1' /%#K2= I ="1'
E%#DFK2=' #' K ="' 2' F&F 1' 2=' I F"#CE$ 1' /=' ' /='
%#2%J"=-' =1' F2%$C' E% I I ="1' F&F 1+ 2' <=$ I .' 2=C' L=#W'
C#$' 1F"1' /=' DFCCFJ=C' F#CC ' "E="/ F $=Cg' F' $F"E='
" F&F 1+=22=' DFC' FCC=X' C%#<<=$1' /=C' 1$%#K2=C-' /=C' / & 0
C %"C-' /=' 2 F"F$EO =g' 1F 1+ 2' /%"E' K=C% "' / F12 C=$' M'
"%#&=F#' 2=' <=#' /=C' / CE%$/=C' E & 2=Cg' #' K ="-' C 2' "%'
2 F&F 1' DFC' 2#-' E% I I ="1' F&F 1+ 2' %C.' ="' $.D%"/$=g '
' <F22F 1' F&% $' 2=' E%#$FJ=' /=' / $=' 2F' &.$ 1.-' 2%$CN#=' ='
&%#C' F ' "1=$$%J. ' ' %EE#D.' N#=' =' <#CC=-' F#$F C'
1$%#&.' 2=' 1= I DC' /=' 2 $=' I % + I c I =' E=' / CE%#$C-' EF$'
&%#C' CF&=X' #CN# %a' &F' I %"' CE$#D#2=' D%#$' E=C' C%$1=C'
/=' D#K2 EF1 %"C ' #CC ' 2F' $=CD%"CFK 2 1.' ="' $=1% I K='
1%#1' ="1 Q$=' C#$' &%#C ' 5

=' EF$/ "F2-' C "EQ$= I ="1' F11FEO.' M' 2 .&YN#=' /='
%L=C-' N# ' .1F 1' /=' CF' D2#C' "1 I =' <F I 2 F$ 1.-' C =<+

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$.#" $ˢ 2=ˢ C#$2="/=I F "ˢ ="ˢ E%"J$.JF2 %"ˢ J.".$F2=ˢ /F"Cˢ
#"=ˢ /=Cˢ CF22=Cˢ /=ˢ 2 F$EO=&YEO.ˢ 2Cˢ .1F ="1ˢ /=ˢ D2#Cˢ E%"0
&="#Cˢ N#=ˢ 2Fˢ C=E%"/=ˢ C=CC %"ˢ F#$F 1ˢ 2 =#ˢ 2=ˢ %#$ˢ /=2Mˢ
F "1+7 =$$=-ˢ F< "ˢ /=ˢ 2 $=ˢ C%2=""=22=I ="1ˢ /#ˢ OF#1ˢ /=ˢ 2Fˢ
EOF $=ˢ /=ˢ !%1$=+3"I =ˢ 2=Cˢ /.E$=1Cˢ /#ˢ E%"E 2=S+I F Cˢ
E=11=ˢ C=E%"/=ˢ C=CC %"ˢ " =#1ˢ D% "1ˢ 2 =#-ˢ 2=Cˢ F<<F$=Cˢ
C .1F"1ˢ K ="1c1ˢ 1=22=I ="1ˢ K$%# 22.=Cˢ N# 2ˢ " Lˢ =#1ˢ F I F Cˢ
/=ˢ /.E$=1Cˢ Mˢ D#K2 =$Rˢ =ˢ I =E=/ˢ)Bˢ # "-ˢ Mˢ / Wˢ
O=#$=Cˢ /#ˢ I F1 "-ˢ N#F"/ˢ 2=Cˢ I =I K$=Cˢ /#ˢ E%"E 2=ˢ C=ˢ
$="/ $="1ˢ 5ˢ 2 F$EO=&YE2 .-ˢ 2Cˢ " Lˢ 1$%#&Q$="1ˢ DFCˢ 2=#$ˢ
D$.C /="1ˢ ˢ 2Fˢ C%$1 =ˢ /=ˢ 2Fˢ I =CC=-ˢ &=$Cˢ I /-ˢ 2=ˢ EF$0
/ "F2ˢ F#$Lˢ 2=#$ˢ FDD$ 1ˢ N#=ˢ 2=ˢ EF$/ "F2ˢ =CEOˢ F&F 1ˢ /]ˢ
DF$1 $ˢ D$.E D 1F I I ="1ˢ D%#$ˢ F "1+ 2%#/-ˢ =1ˢ N# 2ˢ 2=#$ˢ
<F CF 1ˢ CF&% $ˢ N#=ˢ 2Fˢ E%"J$.JF2 %"ˢ J.".$F2=ˢ .1F 1ˢ $=0
I C=ˢ F#ˢ 2="/=I F "ˢ ;%Eˢ E=ˢ N#ˢ C .1F 1ˢ DFCC.ˢ !FD%0
2.%"-ˢ <#$ =#W-ˢ E%I I =ˢ "%#Cˢ 2 F&%"Cˢ / 1-ˢ /=ˢ E=ˢ N#ˢ
C .1F 1ˢ D$%/# 1ˢ 2=ˢ %#$ˢ /=ˢ 2 %#&=$1#$=ˢ /# E%"E 2=-ˢ F&F 1ˢ
$.C%2#ˢ /=ˢ "=ˢ DFCˢ 2F CC=$ˢ 2=ˢ /=$" =$ˢ I %1ˢ F#Wˢ .&YN#=CSˢ
2ˢ F&F 1ˢ /.E /.ˢ /=ˢ <F $=ˢ Mˢ C%"ˢ 1%#$ˢ ="1="/$=ˢ CFˢ &% W-ˢ
I F Cˢ ="ˢ 1=$I =Cˢ Cˢ E2F $Cˢ N# 2Cˢ < CC="1ˢ Mˢ $ "C2F"1ˢ 1%I 0
K=$ˢ E=Cˢ D#.$ 2=Cˢ &=22. 1.Cˢ / %DD%C 1 %"ˢ =ˢ D2F"ˢ N# 2

)ˢ :%#$"F2ˢ /#ˢ E%"E 2=ˢ /=ˢ ˢ /=ˢ $%J2 =-ˢ .&YN#=ˢ /=ˢ F /-ˢ 1="#ˢ /=0
D# Cˢ 2=ˢ)\ˢ # "ˢ #CN# F#ˢ))ˢ # 22=1ˢ)*))-ˢ %#$ˢ /=ˢ C%"ˢ F$$=C1F1 %"ˢ ˢ
=2F1 %"ˢ I F"#CE$ 1=ˢ /#ˢ E%"E 2=ˢ "F1 %"F2ˢ /=ˢ)*))-ˢ 1$%#&.=ˢ /F"Cˢ 2=Cˢ
DFD =$Cˢ /=ˢ ˢ /=ˢ $%J2 =-ˢ .&YN#=ˢ /=ˢ F"/

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F&F 1ʻ F$$Y1.ʻ F&=Eʻ 2.ʻ EF$/ "Fʻ =CEO-ʻ I F "1="F"1ʻ#"ʻ D=#ʻ = I KF$$FCC.ʻ /=ʻ CFʻ D$.E./="1=ʻ F11 1#/=-ʻ I F Cʻ / FEE%$/ʻ C#$1%#1ʻ F&=Eʻ 2=Cʻ .&YN#=Cʻ /=ʻ ! F"1=C-ʻ /=ʻ $Y&=C-ʻ =1ʻ 2=ʻ DF1$ F$EO=ʻ /=ʻ ; =" C=-ʻ CECʻ E%"< /="1Cʻ "1 I =C-ʻ .1F 1ʻ <%$1ʻ C I D2=ʻ ! =ʻ &%#2F"1ʻ DFCʻ C=ʻ E% I I =11$=ʻ /=ʻ CFʻ D=$0 C%""=ʻ F&=Eʻ $FCC= I K2.=ʻ /=Cʻ D$.2F1C-ʻ 2ʻ F&F 1ʻ D$ Cʻ 2=ʻ DF$1ʻ / Lʻ <F $=ʻ %<< E =22= I ="1ʻ "1= &=" $ʻ 2=Cʻ /=#Wʻ I 0 " C1$=Cʻ /=Cʻ E#21=Cʻ /=ʻ $F"E=ʻ =1 / 1F2 =-ʻ ʻ 2=ʻ E% I 1=ʻ J%1ʻ /=ʻ 7$.F I ="=#ʻ =1ʻ ʻ 2=ʻ E% I 1=ʻ /=ʻ F$=CEF2EK ʻ 2ʻ F&F 1ʻ E% I D%C.-ʻ D%#$ʻ 2=ʻ I =11$=ʻ /F" ʻ2=#$ʻ K%#EO=-ʻ #"ʻ I =CCFJ=ʻ N#=ʻ E=Cʻ I =CC =#$Cʻ /=&F ="1ʻ 2 $=ʻ F#ʻ /.K#1ʻ /=ʻ 2Fʻ D$= I Q$=ʻ E%"J$.JF1 %"ʻ J."$F2=-ʻ < W.=ʻ F#ʻ)Bʻ # "-ʻ I =CCFJ=ʻ /=C1 ".ʻ Mʻ I F" <=C1=$ OF#1= I ="1ʻ C=Cʻ &%2%"1.Cʻ Rʻ =D="/F"1-ʻ N#F"/ʻ 2Fʻ 1="=#$ʻ /#ʻ I =C0 CFJ=ʻ I D.$ Fʻ F&F 1ʻ .1.ʻ E% I I #" N#.=ʻ F#ʻ EF$/ "Fʻ =CEO-ʻ E=2# +Eʻ ="ʻ F&F 1ʻ .1.ʻ 1=22= I ="1ʻ =<<$FL.ʻ N# ʻ F&F 1ʻ E$#ʻ /=&% $ʻ E%#$ $ʻ ="ʻ 1%#1=ʻ Ob1=ʻ Mʻ F "1+ 2%#/

)ʻ d %"C =#$ʻ 2=ʻ E% I 1=ʻ J%1ʻ /=ʻ 7$.F I ="=#-ʻ $= I =11=Xʻ F#ʻ I " C1$=ʻ ; ʻ 2=ʻ / CE%#$Cʻ N#=ʻ &%#Cʻ /=&=Xʻ D$%"%"E=$ʻ /= I F "ʻ ʻ 2 %#&=$0 1#$=ʻ /#ʻ E%"E 2=ʻ (& /= I I ="1ʻ ʻ C FJ 1-ʻ "%"ʻ DFCʻ /=ʻ 2 %#&=$1#$=ʻ /#ʻ E%"E 2=-ʻ I F Cʻ /=ʻ 2Fʻ E%"J$.JF1 %"ʻ J."$F2=ʻ < W.=ʻ D%#$ʻ 2=ʻ)Bʻ # "-ʻ D# C0 N#=ʻ 2Fʻ 2=11$=ʻ =C1ʻ /#ʻ)*-ʻ =1ʻ N#=ʻ 2=ʻ E%"E 2=ʻ F&F 1ʻ .1.ʻ %#&=$1ʻ 2=ʻ)\ ʻ ; %#Cʻ 2=ʻ 2 $=Xʻ ="ʻ <$F"PF C-ʻ =1ʻ I I./ F1= I ="1ʻ FD$QCʻ 2=ʻ E% I 1=ʻ F$=CEF2EOʻ 2=ʻ 2 $Fʻ ="ʻ 1F2 =" ʻ :=ʻ &%#Cʻ $="&% =ʻ E=ʻ / CE%#$Cʻ F&=Eʻ 2=Cʻ EOF"J= I ="1Cʻ N#=ʻ =ʻ E%"C="Cʻ 9ʻ 4ʻ <F $=ʻ 5ʻ ! FD%2.%"ʻ Uʻ F#ʻ E% I 1=ʻ /=ʻ 7$.F I ="=#-ʻ)*ʻ # "ʻ)*))ʻ 6ʻ ! ʻ ʻ " # ʻ 1ʻ GG -ʻ Dʻ `

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F< ‘“ / %K1=" $‘ F#‘ I % "C‘ N#=2N#=C‘ I %/ < EF1 %"C ‘ %#0 %#$C‘ /.< F"1‘ M‘ C%‘“ =" /$% 1-‘ =1‘ C .2F"2‘ K ="“ D$% I C‘ /=‘ "=‘ $ ="“ E./=$ F#W‘ "C1F"E=C‘ /=‘ C%‘“ %"E2=‘ CF"C‘ F&% $ D$.F2FK2= I ="1‘ /= I F" /.‘ 2 F& C‘ /=C‘ .&YN#=C‘ "FJ#Q$=‘ /.D#1.C‘ M‘ F&%"=-‘ 2 = I D=$=#$‘ F& 2 1‘ <F 1‘ / $=‘ M‘ ‘ /=‘ F$$F -‘ F" "FL‘ =1‘ 3#&% C ‘“ /=‘ C=‘ 1$%#&=$‘ /QC‘ C=D1‘ O=#$=C‘ /#‘ I F1 ‘“ M‘ F "1+ 2%#/ ‘ =C‘ D%#DF2=$C‘ F&F ="1‘ .1.‘ 2%"JC‘ =1‘ 2F‘ / CE#CC %‘“ E% I I =‘ 1%# %#$C‘ 1$QC+%$F0 J=#C=‘ ="1$=‘ 2 %"E2=‘ =1‘ 2=‘ "=&=#‘ ! FD%2.%‘“ " F&F 1‘ FE0 E%$/.‘ N# F&8D K=F#E%#D‘ / O# I =#$‘ =1‘ /=‘ I F#&F C=‘ J$bE=‘ /=‘ 1$QC+2.J=$C‘ EOF"J= I ="1C‘ /%"1‘ 2=‘ D$.C /="1‘ /# E%"E 2=‘ " F&F 1‘ DF$#‘ 2# + I Y I =‘ N# M‘ I % 1 .‘ CF1 C<F 1‘ =C1‘ F "C‘ N# M‘ 2F‘ J$F" /=‘ C#$D$ C=‘ /=C‘ D$.2F1C‘ =1‘ CF"C‘ N# 2C‘ ="“ =#CC="1‘ K ="“ D." .1$.‘ 2F‘ EF#C=-‘ N#% N# 2C‘ 2F‘ C%#DP%" "FCC="1‘ FCC=X‘ <bEO=#C=-‘ 2F‘ D$= I Q$=‘ E%"J$.JF0 1 %‘“ J." .$F2=‘ F&F 1‘ .1.‘ $= I C=‘ /#‘)B‘ F#‘ ‘ # "

4‘“ C="1 I ="1‘ D2#C‘ & < N#=‘ E=2#‘ /=‘ 2F‘ C#D C=‘ D#1‘ C=‘ 2 $=‘ C#$‘ 2=‘ & CFJ=‘ /=‘ 1%#C‘ E=#W‘ N#‘ " F&F E 1‘ DFC‘ .1.‘ I C‘ /F C2=‘ C=E$=1-‘ N#F" /-‘ M‘ 2 %#&=$1#$=‘ /F‘ 2F‘ C.F"E=-‘ 2C‘ & $="1‘ ="1$=$‘ ="“ E%C1# I =‘ %<< E =Z‘ /F"C‘ 2F‘ CF22=‘ /=‘ 2 F$EO=&YEO.‘ %a‘ C .J=F 1‘ 2=‘ E%"E 2=‘ 2=C‘ /=#W‘ I 0 " C1$=C‘ /=C‘ E#21=C‘ /=‘ $F"E=‘ =1‘ / 1F2 =‘ ‘ D= "=‘ E=C‘ /=#W‘ I =CC =#$C‘ F&F ="1+ 2C‘ D$ C‘ D2FE=‘ M‘ /$% 1=‘ =1‘ M‘ JF#EO=‘ /#‘ D$.C /="1-‘ N#=‘ ‘ J%1‘ /=‘ 7$.F I ="=#‘ 1 $F‘ /=‘ C%‘“ D%$1=<=# 22=‘ =1‘ <1‘ 2=E1#$=‘ / #"“ /.E$=1‘ /=‘ 2 = I +

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D=$=#$ D%$1F"1 Í)Ḱ N# 2 FJ$.F 1 2= EF$/ "F2 =CEO D%#$ D$.C /="1$ Ú N# 2 C=$F 1 <%$ I .ʻ #"ʻ K#$=F# !5 *H!ʻ ʻ $! ʻ ʻ =1 /%"1 2=C I " C1$=C /=C E#21=C D%#$ 2F $F"E=ʻ =1 2 1F2 =ʻ <=$F ="1 " .E=CCF $= I ="1 DF$0 1 =ʻ =11=ʻ /=$" Q$=ʻ / CD%C 1 %"ʻ =1 2=C I %1C I F2="E%"0 1$=#W /=ʻ ! ʻ ʻ (+3 # ʻ F&F ="1 ="E%$=ʻ F %#1.ʻ M 2 . I %1 %"ʻ D$%/# 1=ʻ DF$ 2F D$.C="E=ʻ "F11="/#=ʻ /=C /=#W I " C1$=Cʻ đ 3F"C 2=C D$= I =$C C QE2=C-ʻ 2=C = I 0 D=$=#$C EO$.1 ="C-ʻ $= I F$N#=ʻ #/ E =#C= I ="1 M E=11=ʻ %EEFC %"ʻ ʻ :F#2<$=1-ʻ F&F ="1 K ="ʻ E%#1# I =ʻ / ="&%L=$ F#W E%"E 2=C #"ʻ %# D2#C =#$C E% I I CCF $=C D%#$ Lʻ I F "2=" $ 2F 1$F"N# 22 1.ʻ =1 Lʻ <F $=ʻ $.J"=$ 2=ʻ K%"ʻ %$/$=ʻ $ I F C /=D# C 2%"J1= I DC E=ʻ C% "ʻ F&F 1 .1.ʻ 2F CC.ʻ #" N#= I ="1 M E=#W N#ʻ 2=C D$.C /F ="1ʻ 2 .1F 1 /%"E .& /="1 N# ="ʻ <F CF"1 $=& &$=ʻ #"ʻ 1=2 #CFJ=ʻ 2=ʻ EO=< /# J%#&=$"= I ="1 F&F 1 I % "C ="ʻ &#=ʻ /=ʻ D$%1.J=$ 2=C /.0 2 K.$F1 %"C /# E%"E 2=ʻ N#=ʻ / "<2#=$ C#$ CEC /.E 0 C %"C ʻ 5 #E#"ʻ /=C D$.2F1C "=ʻ C Lʻ 1$% I DFʻ F#CCʻ N#F"/ʻ 2=ʻ EF$/ "F2 =CEO-ʻ / FEE%$/ʻ F&=Eʻ C%"ʻ "=&=#-ʻ D$%D%CF /=ʻ JF$/=$ D%#$ <%$ I =$ 2=ʻ K#$=F# &%#2# DF$ 2=ʻ /.E$=1 2=C .&YN#=C N# 2 F&F 1 D$.E./= I I ="1 EOF$0 J.C /=ʻ E=ʻ C% "-ʻ 2 Lʻ =#1ʻ N#=2N#=ʻ FJ 1F1 %"ʻ /F"C 2 FC+

)ʻ #+ ʻ 5 ' %$ ʻ $ ʻ ʻ)) ʻ !! # '%$ ʻ ' ʻ 1 ! ʻ 2=C D$= I Q =C F I .=C /# W W ʻ C# & =-ʻ DF$ ʻ :F <2 E2-ʻ 1ʻ - Dʻ -V

)* 2 ! 7 7

C= I K2.= /= $%J2 = FLF" "C C2. D%#$ N#= 2=C I = I K$=C /# E%"E 2= D$%E./FCC="1 =#W+ I Y I =C M E=11= .2=E1 %"- CF D$%D%C 1 %" <#1 D$=CN#= #"F" I = I ="1 F/%D1.= =1 2=C EO% W- N#% N#= " FLF"1 $ =" / =WE2#C <- "= 1% I KQ$="1 DFC 1%#C- 2 C =" <F22#1 /= K=F#E%##D- C#$ 2=C D$.2F1C 2=C D2#C FJ$.FK2=C M 2F E%#$ R

=C / &=$C CE$#1 "C F&F ="1 D$ C N#=2N#= 1= I DC 2 .1F 1 N#F1$= O=#$=C 2%$CN#= 2= I " C1$= /=C E#21=C /= $F"E= D$ 1 ="< " 2F DF$%2= D%#$ 2 $= 2= I =CCFJ= I D.$ F2 F D2#DF$1 /=C F#1=#$C =EE2.C FC1 N#=C %"1 &%#2# /%""=$ M ="1="/$= N#= E=11= OF$F"J#= F&F 1 .1. 2 n#&$= D=$C%""=22= /= J%1 /= 7$.F I ="=#- EF$ E =C1 2=#$ D$.%EE#DF1 %" E%"C1F"1= /= /.EOF$J=$ 2F I . I % $= /= ! FD%2.%" /= 2F $=CD%"CFK 2 1. /= 1%#C 2=C FE1=C N# 2C $.D$%#&="1 2C 2=C D%$1="1 "E=CCF I I ="1 F# E% I D1= /= C=C I " C1$=C- N# 2C $=D$.C="1="1

  = I %1 /= 3$ $!5 H# ! 1 +3 # F&F 1 1=22=0 I ="1 /.D2# F#W I = I K$=C /# E%"E 2= N#= C#$ 2F D$%D%C 1 %" /= /= F"F2 2# + I Q I =- =1 =" &=$1# / #" &%1= #"F" I =- E=11= E% I 0 I CC %" <#1 "% I I .= 1 + '# $ = D$.C /="1 =1 1%#C 2=C I = I K$=C /# E%"E 2= "= 2# /%""Q ="1 F I F C N#= E= 1 1$= F C /= C%" Ec1. 2 = I D=$=#$ "= &%#2#1 DFC "%" D2#C E./=$- I Y I = C#$ #" /.1F 2 F#CC "C J" < F"1- =1 /F"C 1%#C 2=C /%E# I ="1C %<< E =2C . I F".C /# J%#&=$"= I ="1- 2= K#$=F# /= 2 FCC= I 2/.= E%"1 "#F / =1$= /.C J". DF$ #"= FDD=22F1 %" N# F&F 1 C <%$1 $.D#J". M 1%#C 2=C D$.0 2F1C /= 2 = I D $=

E% I I =' 2 FLF"1' D%#CC.' K ="' I F2J$.' 2#' /F"C' /=C' &% =C' N#' " .2F ="2' DFC' "F1#$=22= I ="1' 2=C' C ="'"=C' ' 2=C' ="' E$% $=-' %"' F$$ &=$F 1' M' C=' < J#$=$' N#=-' /F"C' 2=C' F<<F 0 $=C' N#' E%"E=$"F ="1' 2F' $=2 J %"-' 2=' EO=< /# J$F"/' = I D $=' F' .1.' 1%#1=' CF' & =' "CD $.-' E%" /# 1-' J%#&=$".-' D=#' C ="' <%#1' N# 2C' "=' / C="1' %DD$ I .-' DF$' 2=C' $=0 /%#1FK2=C' DO 2%C%DO=C' /=' C%"' E%"C= 2' / .1F2' 4"=' 2=11$=' /=' ! FD%2.%"' ="' /F1=' /#')* # "-' 2=11$=' N#=' "%#C' F&%"C' /. M' E 1.=-' C#<< $F 1' M' =22=' C=#2=' D%#$ /. I %"1$=$' N# 2' F' .1.' 2 #" N#=' F#1=#$' /=' 2F' OF$F"J#= /.K 1.=' DF$' ' J%1' /=' 7$.F I ="=#$' I F C' 2=C' ./ 0 1=#$C' /=' 2F' E%$$=CD%"/F"E=' I D.$ F2=' %"1' 2=&.' =#W+' I Y I =C' 1%#1=' =CDQE=' /=' /%#1=' ="' "C.$F"1' 1=W1#=22=0 I ="1' E=' / CE%#$C' M' CF+' /F1=' /F"C' 2=#$' E%22=E1 %"' %<< E =22=' ! =' 2 =#CC="1+ 2C' D% "1' <F 1-' 2' F#$F 1' C#<< -' D%#$' ="2=&=$' 1%#1=' "E=$1 1#/=' M' E=1' .JF$/-' /=' 2 $=' F11="1 &= I ="1' 2 =W %C.' N#' C L' 1$%#&=' /=C' /. I Y2.C' C#$&="#C' ="1$=' 2=' J%#&=$"= I ="1' <$F"PF C' =1' 2F' E%#$' /=' % I =' ! %"+C=#2= I ="1' E =C1' 2=' I Y I =' <%"/' /=' $.E 1' I F$N#.' /=C' I Y I =C' 1$F 1C' N#=' "%#C' F&%"C' /. M' 1F"1' /=' <% C' C J"F2.C' /F"C' 2=C' I F" <=C1=C' . I F".C' /=' 2 = I 0 D=$=#$$' E=' C%"1' F#CC' 2=C' I Y I =C' I ="C%"J=C' F#/F0 E =#C= I ="1' F<< $ I .C' M' D$%D%C' /=C' .&."= I ="1C' E%""#C' /=' 1%#C-' 2=C' I c I =C' % I CC %"C' C "J#2 Q$=C' M' 2 .JF$/' /%C' <F 1C' N#' 2=' JY"="1-' =1' C#$1%#1' 2=C' I Y I =C' FEE#+

F 2 2 ! 7 7

CF2 %"C " F$ E#CEC E%"2$= 7 = ; $=D$%/# 2=C =WFE2=+ I ="1 E2F"C 2=C I Y I =C 1=$ I =C = N# .1F 1 "%#&=F# /= CF DF$1- I F2F/$% 1 F# D% "1 /= &#= D%2 1 N#=- =1 EO%N#F"1 C#$1%#1- M "= 1=" $ E% I D1= N#= /=C C I D2=C E%"&="F"E=C- E .1F 1 /= DF$2=$ /= 2F C%$1= /# EO=< /= 2=#$ .J2 C= M /=C D$.2F1C $FCC= I K2.C ="= E%"E 2= 8#=22= "= /#1 DFC Y1$= 2F C1#D.<FE1 %"= /=C D =#W F#/ 1=#$C /= J%1- 2%$CN# 2C ="1="/ $="1 2= I " C1$= /= 2 = I D=$=#$ E% I I ="E=$ 2F 2%"J#= ."#0 I .$F1 %"= /=C J$ =<C /= C%"= I FZ1$= $ F 2 C1= ="= .1F 1 /$=CC.= ="= 1=$ I =C F I =$C- =1 $ ="= " L .1F 1 %#K2 .

("=)* \- 2= 7FD=- ""2 E%"C= 22.- F&F 1 &%#2# 1=" $ 2= $%LF# I = / 1F2 = ="= <=$ I ="1F1 %"= ="= FJ 1F"1 2=C E%"CE ="E=C .1F 1 2F & E1% $= /= $ =/2F"/ N# 2 F&F 1 %K2 J./= E%"E./=$ 2 "C1 1#1 %"= EF"%" N#= F#W D$.2F1C 1F2 ="C "% I I .C DF$ 2 = I D=$=#$ R 5 3=C / CE#CC %"C 1= I D%$=22=C .1F"1 C#$&="#=C ="1$= 2 = I 0 D=$=#$ =1 2= DFD=- E=2# +E F&F 1 &%#2# EO=$EO=$ #"= I %L="= /= 1$ % I DO=$ /F"C E=C / CE#CC %"C DF$ #"= $=0 <#C FKC%2# /=C K#22=C / "C1 1#1 %" 3=C K$=<C /# CF "1+DQ$= F#W EOFD 1$=C /= 7F$ C- /= 2%$= E.=1

3 CE%#$C /= 2= E% I 1= /= 7 .F" = =# F# E% E[= #F1 "F2 /=)*))- ff C. ./F"C 2F + ! " # eU{- 1 GG -)' `

1 h_4 ' !H ' ' 7 ' 7

(2F"2 2=C 2.=C 2=C D2#C C I D2=C /# 1= I D%$=2 =1 /# CD $ 2#=2-5 =1 ="6 I =11" 1 2 "E=$2 2#/=5 /F"C 2=C+ E%"C= ="E=C N#' "=5 C=$F ="1 DFC / $ J.=C DF$ 2=C .&YN#=C' 5

"6 &.$ 1.-5 C' 2F E%"<#C %"6 /# D%#&% $ 1= I D%$=2 =1 /# D%#&% $ CD $ 1#=2-5 <bEO=#C=5 DF$1%#1-5 C .1F2F F I F C N#=2N#=5 DF$1 /F"C 1%#1=5 CF K XF$$=5 F"% I F2 =-5 E =C1 K ="6 M E%#D Ca$ /F"C E=1 .1$F"J=5 2F"JFJ=-5 1="F"1 M 2F <% C /=5 2F D%2. I N#=5 =1 /# C=$ I %"-5 N# #"6 1%#1+5 D# CCF"1 E%"N#.$F"1 N#' F&F 1 $="&=$C.' 2F 1$ K#"=5 =1 N#' FCD $F 1 M C=5 $="/$=5 I FZ1$=5 /=5 2F EOF $=5 <F CF 1 D#0 K2 N#= I ="1 1=" $ DF$ C%"6 I " C1$=5 /=C E#21=C F#W .&YN#=C /=J C%"6 = I D $=5 $.#" C DF$ C=C %$/$=C ="6 E%"0 E 2=5 "F1 %"F2' =<<=1 <#1 ."%$ I =' d =5 I =CCFJ=-5 / 1 ' :F#<<$=2-5 =1F 2F E%"C1=$"F1 %"6 DF$ I ' 2=C D$.2F1C N#' #CN# F2%$C C .1F ="1 <2F11.C / #"6 FDD%EO= I ="1 ="1$=5 2=C /=#W D%#&% $C 5

)) " L F&F 1 D2#C ="6 =<<=1 :(7+ 6 ' M C=5 <F $=' =5 EF$/ "FZ =CEO-5 N#' F&F 1 M 2 F&F"E=5 D$=CC="1' 2 I 0 D$=CC %"6 /.D2%$FK2=5 N#=5 C=C E%22QJ#=C /=&F ="1 $=0 E=&% $ /# / CE%#$C /=5 ' J%1-5 =1 N#' &%LF 1 CEC D$.& C %"C 2=C D2#C C% I K$=C &.$ < .=C DF$ 2 F11 1#/=

' ' ' C=$& $F ' ' /=C D$= I <$=C F# h ' /# GG C QE2=5 -5 1' -5 D' ;

' ! ' ! ! ' \

$F&%#W- /= C%$1=- N#=- 2=- $QJ2= I ="1- N# - 2%J N#= I =" -
F#$F 1- /]- D$.E./=$ 2=C / CE#CC %"C /# E%"E 2=- =1- N# -
F#$F 1- .1.- C - #1 2=- D%#$ ="- $.J2=$ 2 %$/$=- .1F 1- ="E%$=-
M &=" $ N#F"/ 2 FCC= I K2.=- /=C D$.2F1C <#1- K$#CN#=0
I ="1- / CC%#1=- R- 5

F#1=#$- N#=2 N# 2 C% 1- /=- 2F $=2F1 %"- N#=- "%#C
E 1%"C .1F 1- 2 <F#1- 2=- / $=- DF$<F 1= I ="1 "<%$ I .- =1-
" F&F"E=- $ ="- E - N# - "=- C% 1-E%"<%$ I =- F 2 =WFE1=- &.$ 1. -
%#1=<% C D=#1+Y1$=- "=- CF&F 1+ 2- DFC 2# + I Y I = #C+-
N# %]- .1F ="1- F22.=C C#$ E=- D% "1- /.2 EF1- /=C I F1 Q$=C
M C%# I =22$=- F# E%"E 2=- 2=C D$.%EE#DF1 %"C /=- 2 Q I +-
D=$=#$- =1- F&=E N#=2C C% "C I "#1 =#W 2 C .1F 1- I .0
"FJ.- 2=C I %L="C /= /% I "=$ 2=C /.2 K.$F1 %"C /=- 2F
/%E1=- FCC= I K2.=- =1- /=- 2# - / E1=$ 1%#C C=C &%2=C CF"C
D2#C /= - / << E#21.C N# 2 " ="- $="E%"1$F 1- /=- 2F DF$1-
/=- C%"- %$DC 2.J C2F1 < =C I %L="C .1F ="1- <%$1- C I 0
D2=C = I D=$=#$ F /F J".- 2=C "/ N#=$ 2# + I Y I =- ="-
N#=2N#=C 2 J"=C /F"C #"=- "%1=- / E1.=- M C%"- I " C1$=-
/=C E#21=C- "%1=- N# - /=mF 2 C=$& $ E% I I =- /=- D$%0
J$F I I =- F# E%"E 2=- I F C N#=- 2 %"- EO=$EO=$F 1- &F "E+-
I ="2- I F2J$.- 2 I D%$1F"E=- N# =22=- D$.C="1=- /F"C 2F
E%$$=CD%"/F"E=- %<<E =22= I ="2 D#K2 .=- /=- ! FD%2.%"- U

S =2F1 %"- I F"#CE$ 1=- /#E%"E 2=- - F1 %F 2 =-)*))- 1$% ".=- /F - C
2=C DFD =$C /=- - /=- $%J2 =- .&.N#=- /=- F#/

d =C "2="2 %"C /=' F F =C1.' C%"1' í) j N# M 2F C# 1=' /=' 2F 2=E1#$=' /# I =CCFJ=' DF$' 2=C E% I I CCF $=C-' =1' C#$' 2F D$%D%C 1 %"' /=' /= I F" /=$' D%#$' 2=' E%"E 2=' ="' E%$DC' #"=' F#/ ="E=' M F F =C1.-' 2 C% 1' "% I I .' D%#$' $./ J=$' 2 F/$=CC=' #"=' E% I I CC %"' /F"C' 2FN#=22=' C=$%"1' 2=C N#F1$=' D$.2F1C' N#' %"1' .1.' M F&%"=$ K N#=' 2F E%D =' /=' 2 F/$=CC=' F "C' N#=' 2=' I F" /= I ="1' =1' 2=' C=$0 I %"' / %#&=$1#$=' C% ="1' E% I I #" N#=C' M F F =C1.$ U N#=' 2=C C.F"E=C C% ="1' C=E$Q1=C-' =1' N# 2 " L' F 2 "' ="' C=CC %"' "' /F"C' 2=C K#$=F#W /=' I %1 %"' / %$/$= 5' =' C=E$=1-' 1%# %#$C' 2=' C=E$=1-' D%#$' ! FD%2.%"' &% 2M 2=' D% "1' =CC="1 =2-' =1' C#$' 2=N#=2 2 "=' &F$ =' F I F C' ' "=' D=#1' C = I DYEO=$' / L' $=&=" $' ="E%$=' /F"C' #"=' 2=11$=' DF$1 E#2 Q$=' F/$=CC.=' M 2F I Y I =' .D%N#=' M ' J%1' /=' 7$.F I ="=#' d L=X C% "-' 2#' .E$ 1+ 2 2=' # "-' E =C1+M+/ $=' 2=' %#$' %a C=' 1="F 1' 2F D$= I Q$=' E%"J$.JF1 %"' J.".$F2=-' FL=X K ="' C% "' /=' "=' $ ="' 2F CC=$ I D$ I =$' N#=' =' ".' 2 F =' &#' =' I F" /=0 I ="1' I Y I =' "=' /% 1' DFC' Y1$=' I D$ I .' F&F"1' N#=' &%#C' "=' I =' 2 FL=X C%# I C' = 22=X M E=' N# 2 " L' F 2 /F"C' 2 FCC= I K2.=' F#E#"' <%22 E#2F $=' "' .1$F"J=$' 2 <F#1' N# 2 " L' F 1' N#=' /=C .&YN#=C' 8#F"1' F#W D$Y1$=C' N# %"' D$%D%C=' / L' F/ I =11$=-' F#1%$ C=$F -' C' E=2F' =C1' FK+

)' ! %1=' / E1.=' DF$ 2 = I D=$=#$ M C%# I " C1$=' /=C #21=g

C%2# I ="Ż " .E=CCF $=-ʻ 2 ="2$.=ʻ / #"=ʻ /%#XF "=ʻ /=ʻ D$Y1$=Cʻ /%"1ʻ &%#Cʻ I =ʻ $= I =11$=Xʻ F&F"1ʻ 2Fʻ 2 C1=ʻ F&=Eʻ /=Cʻ $="C= J"= I ="1Cʻ C#$ʻ EOFE#"ʻ / =#W ʻ Ż <F#1ʻ N#=ʻ E=ʻ C% 1ʻ /=ʻ K%"Cʻ D$Y1$=C-ʻ =1ʻ "%"ʻ /=Cʻ $.FE1=#$C ʻ ʻ ʻ %$ ʻ , $ ʻ) ' ʻ $ʻ ! ! ʻ ʻ ʻ ʻ .' ʻ + +#ʻ ;%#Cʻ /=&=Xʻ C I D2= I ="1ʻ 2=ʻ $= I =11$=-ʻ FD$QCʻ 2 F&% $ʻ 2#-ʻ F# E% I 1.ʻ /# E%"E 2=ʻ =ʻ E% I 1.ʻ "=ʻ D%#$$Fʻ <F $=ʻ I D$ I =$ʻ C%"ʻ $FDD%$1ʻ N#=ʻ N#F"/ʻ =ʻ 2 F#$F ʻ FDD$%#&.-ʻ ="ʻ " Lʻ % J"F"1ʻ N#=ʻ 2=Cʻ D QE=Cʻ N#ʻ C=$%"1ʻ E%"&=0 "#=Cʻ @ ʻ 5

1+%"ʻ F I F Cʻ DF$= Żʻ 2#W=ʻ /=ʻ D$.EF#1 %"Cʻ D$ C=Cʻ E%"1$=ʻ 1%#1=ʻ % I K$=ʻ /=ʻ D#K2 E 1.-ʻ =1ʻ /=ʻ D2#Cʻ I .1 E#0 2=#Wʻ =<<%$1Cʻ 1="1.Cʻ E%"1$=ʻ 2 FDDF$="E=ʻ I Y I =ʻ /=ʻ 2Fʻ 2 K=$1.gʻ F Cʻ 2Fʻ D#K2 E 1.ʻ =1ʻ 2Fʻ 2 K=$1.-ʻ E=Cʻ D$.E =#Wʻ F#W 2 F $=Cʻ /#ʻ K%"ʻ /$% 1ʻ =1ʻ /=Cʻ #C1=Cʻ EF#C=CSʻ /%"1ʻ #"=ʻ "%1FK2=ʻ DF$1 =ʻ /#ʻ E2=$J.ʻ C =C1-ʻ O.2FCʻ $ 1%# %#$Cʻ %KC1 ".=ʻ Mʻ $.D#/ =$ʻ 2=ʻ C=E%#$C-ʻ 2#ʻ F#$F ="1ʻ .1.ʻ E=11=ʻ <% Cʻ 1$%Dʻ <F&%$FK2=CSʻ =1ʻ 2 = I D=$=#$ʻ " F&F 1ʻ $ ="ʻ /=ʻ D2#Cʻ M En#$ʻ N#=ʻ /=ʻ 2#ʻ ="ʻ $=1 $=$ʻ 2=ʻ K."< E=ʻ ʻ C%"ʻ D% "1ʻ /=ʻ &#=-ʻ 2 = I D=$=#$ʻ F&F 1ʻ / F 22=#$Cʻ DF$<F 1=0 I ="1ʻ $F C%"-ʻ EF$ʻ Żʻ "=ʻ D%#&F 1ʻ /.C%$ I F Cʻ 1$ % I DO=$ʻ N# Mʻ O# Cʻ E2%Cʻ .1F 1ʻ #" N#= I ="1ʻ Mʻ 2 F /=ʻ / F$$F"+

)ʻ =11$=ʻ /=ʻ 2 = I D=$=#$ʻ Mʻ ʻ 2=ʻ E% I 1=ʻ J%1ʻ /=ʻ 7$.F I ="=#ʻ F "1+mʻ 2%#/-ʻ ʻ # #ʻ)*))ʻ 6ʻ ! ʻ ʻ " # ʻ][ʻ 1ʻ GG -ʻ Dʻ

@G= / ' ' ' ' '

J= I ="2C D$ C /F"C /= I LC1.$ =#W E%"E 2 FK#2=C =1
J$bE=- F# C 2="E= I D%C.' M /=C F/&=$CF $=C /=&="#C
1$%D "E% I I %/=C- N# 2 D%#&F 1 C= <2F11=$ /= I ="=$
#CN# F# K%#1 2F 2#11= ="1$=D$ C= =1 I F "1="F"1
D%#CC.= M 1%#1= =W1$. I 2.' E%"1$= 2= =O=< /= 2F EF1O%0
2 E 1.

' "%#C F&%"C $.#CC' M /%""=$ #"= /.= =WFE1=
/= 2F C 1#F1 %" / =CD$ 1 /=C D$.2F1C N#' E% I D%CF ="1
2= E%"E 2= /=)*))- "%C 2=E1=#$C /% &="1 F&% $
E% I D$ C N# 2C C= DF$1FJ=F ="1 =" /=#W J$%#D=C
K =" ".JF#W =" "% I K$=' 3 #" Ec1.' .1F 1 2= D=1 1
"%LF# / .&YN#=C N#' C=$&F ="1 /= I ="=#$C M 2 = I 0
D=$=#$' .1F ="1- %#1$= 2=C N#F1$= D$.2F1C ="&%L.C M
F&%"=- E =C1+M+/ $= ' /= F$$F - 3#&% C "- /=
F "FL =1 2= DF1$ F$EO= /= ;=" C=- 2= EF$/ "F2 F#$L
=1 2 FKK.' /= 7$F/1' &=E =#W- 2= EO=< /= 2 1F1 .1F 1
2 K$= /= /.KF11$= CF"C F I KFJ=C =1 CF"C &% 2=C- EF$/=
DF$1 =1 / F#1$= 2F E%"< F"E= .1F 1 ="1 Q$=- 1%#1=C 2=C
$.C%2#1 %"C N# 2 &%#2F 1 D$%D%C=$ F# E%"E 2=' &=E
=#W- 2 C= C="1F 1 DF$<F 1= I ="1 M 2 D C= D%#$ E%"0
E=$1=$ CF"C $.1 E="E= 1%#C 2=C I %L="C N# 2 E$%LF 1 2=C
D2#C D$%D$=C M 1$ % I DO=$ /= 2 %DD%C 1 %" /= 2=#$C
E%22QJ#=C' ' Ec1.' %# D2#1c1 =" <FE= /= E=C E% I D2F 0
CF"1C D$.2F1C /%"1 2= "% I K$= .1F 1- %" 2= &% 1- FCC=X
$=C1$= "1- 2 $="E%"1$F 1 2F I FCC= D$=CN#= ="1 Q$=

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$.=ʻ %#1ʻ OF#1ʻ %"ʻ C=ʻ D$% I =11F 1ʻ K ="ʻ /=ʻ 1=" $ʻ 1%#0 %#$Cʻ D%#$ʻ 2Fʻ K%""=ʻ EF#C=ʻ =1ʻ / FEE% I D2 $ʻ #CN# F#ʻ K%#1ʻ C%"ʻ /=&% $Sʻ 1%#1ʻ KFCʻ %"ʻ C=ʻ /= I F"/F 1ʻ Cʻ 2 %"ʻ ="ʻ F#$F 1ʻ K ="ʻ 2Fʻ <%$E=ʻ ʻ I +EO= I "ʻ ="1$=ʻ 2=Cʻ D$.2F1Cʻ /=ʻ E%#$-ʻ D$Y1Cʻ Mʻ 1%#1ʻ <F $=-ʻ =1ʻ 2Fʻ I F %$ 1.ʻ /#ʻ E%"E 2=-ʻ Cʻ I .E%"1="1=-ʻ I F Cʻ Cʻ .D%#&F"1.=-ʻ %"ʻ &%LF 1ʻ =$$=$ʻ 2=ʻ D$.C /="1ʻ /#ʻ E%"E 2=ʻ 2# + I Y I =-ʻ KF22%11.ʻ="1$=ʻ C=Cʻ D$.<.$="E=Cʻ #21$F I %"1F "=Cʻ =1ʻ C=Cʻ "E2 "F1 %"Cʻ /L"FC1 N#=C-ʻ CF"Cʻ E$./ 1ʻ C#$ʻ C%"ʻ "=&=#-ʻ CF"Cʻ "<2#="E=-ʻ C#$C=Cʻ E%22QJ#=C-ʻ 1%#1ʻ D2= "ʻ /=ʻ K%""=ʻ &%2%"1.-ʻ / FJ 1F0 1 %"C-ʻ /=ʻ &#=Cʻ E%"1$F/ E1% $=C-ʻ =1ʻ " FK%#1 CCF"1ʻ F I F Cʻ /F"Cʻ C%"ʻ I D.1#=#C=ʻ & &FE 1.ʻ N# Mʻ = I K$%# 22=$ʻ 1%#1=Cʻ EO%C=Cʻ DF$ʻ I F"N#=ʻ /=ʻ K%"ʻ C="C-ʻ /=ʻ I =C#$=ʻ =1ʻ /=ʻ 1FE1

#"ʻ DF$= 2ʻ .1F1ʻ /=ʻ EO%C=Cʻ N#=ʻ D%#&F 1+ 2ʻ C%$1 $ʻ /#ʻ Ec1.ʻ /=Cʻ %DD%CF"1C-ʻ C "%"ʻ 2=ʻ /.C%$/$=-ʻ 2Fʻ E%"<#C %"-ʻ =1ʻ < "F2= I ="1ʻ 2 I D# CCF"E=gʻ 7%#$ʻ 2 = I D=$=#$-ʻ F#ʻ E%"0 1$F $=-ʻ N#=ʻ / F&F"1FJ=Cʻ Šʻ 2ʻ E% I I ="1ʻ "=ʻ C=ʻ C=$F 1+ 2ʻ DFCʻ <2F11.ʻ /=ʻ 1$ % I DO=$ʻ CF"Cʻ 1$%Dʻ /=ʻ D= "=-ʻ %#ʻ /#ʻ I % "Cʻ CF"Cʻ Y1$=ʻ %K2 J.ʻ /=ʻ $=E%#$ $ʻ Mʻ /=Cʻ & %2="E=Cʻ 1$%Dʻ I F0 " <=C1=Cgʻ =ʻ E$% $F 1+%"gʻ C%"ʻ =CD% $ʻ <#1ʻ 1$% I D.-ʻ =1ʻ 2=ʻ %#$ʻ & "1ʻ %a-ʻ D%#$ʻ F&% $ʻ $F C%"ʻ / F/&=$CF $=Cʻ Cʻ <F 0 K2=C-ʻ Cʻ 1 I /=C-ʻ Cʻ "=WD.$ I ="1.C-ʻ Cʻ D$%<%"/. I ="1ʻ /.E%#$FJ.Cʻ N# Mʻ 2 F&F"E=ʻ 2Cʻ C=ʻ C="1F ="1ʻ /. Mʻ D$=CN#=ʻ &%2%"1F $= I ="1ʻ &F "E#C-ʻ 2=ʻ EO=<ʻ /=ʻ 2 = I D $=ʻ C=ʻ & 1ʻ $.+

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2F"E=C ʻ .D CE%DF2=C ʻ / .C%$ I F C ʻ " .E=CCF $=C ʻ M ʻ 2 FEE% I D2 C0 C= I ="1 ʻ /=ʻ C=C ʻ /=CC= "C-ʻ I F C ʻ M ʻ / CC%#/$=ʻ 2=ʻ E%"E 2=ʻ 2# +ʻ I Y I =-ʻ =1-ʻ 2=ʻ E%"E 2=ʻ / CC%#C-ʻ M ʻ D$%E. /=$ʻ M ʻ 2 .JF$/ ʻ /=ʻ EOFE#"ʻ /=ʻ C=C ʻ I = I K$=C ʻ .D%#&F 12.C ʻ DF$ʻ &% =ʻ /=ʻ EFD+ʻ 1F2 %"ʻ "/ & /#=22=

7 ' G G

' ! ' ! !

= E%"E 2= E%"&%N#.' =")*))' M 7F$ C =F1-' M D$%D$= I ="1' DF$2=$-' " ' #"' E%"E 2= E3E I ." N =' " ' #"' E%"E 2= "F1 %"F2 ' 6 #E#"' D$.E./ ="1' O C1%$ N#= "= 2#' .1F 1' FDD2 EFK2=' 6' %"/ 1 %"' "E% I I %/= /= 2 = I D=$=#$' 6' Z' =CDQ$= / $ J=$ 2= E%"E 2= CF"C' 1$%D' DF$FZ1$=-' J$bE= M 2 "1=$ I ./ F $= /=C' D$.2F1C' N#' 2#' C%"1' / .&%#.C-' =1' DF$1 E#2 Q$= I ="1' /= 2 .&=N#= /= GF"1EC-' ' 3"&% C " 6' .#" %"' /= 2F' E% I I CC %"' /= 2 F/$=CC=' 6' 3"&% C "' L D$% / # 1' #"' D$% =1' / F/$=CC= N# ' Z' F' D$.F2FK2= I ="1' C%# I C' M 2 = I D=$=#$' 6' 1%""= I ="1' /% 2F' E% I I CC %"' N# ' C FD=$P% 1' N#= ! FD%2.%"' &=#1' /QC' 2= /.K#1' 2F' E% I D$% I =11$= /F"C' CF' N#=$=22= F&=E' 2= CF "1+C QJ=' 6' DD%C 1 %"' /= ' /= $%J2 = 6' = D$% =1' / F/$=CC= =C1' <%$1 I %: .' DF$' 2F' E% I I CC %" 6 Z' =C1' ="E%$= D2#C' I FZ' FEE#= 22' /F"C' 2F' E%"J$.JF1 %"' J."..$F2=' 6' %1 %"' /= 2 .&QN#= /= OF I K.$L' D%#$' N#= 2= E%"E 2= F 22= /= I F"/=$' ="' E%$DC' M ! FD%2.%"' 2F' 2 K=$1.' /# CF "1+DQ$=' 6' = EF$/ "FZ' ECEZ' C %DD%C= M E=11= /. I F$EO= E% I I = "%DD%$1#"=' 6' = D$% =1' /RF 2$= CE' =C1' / CE#1.' F$1 E2= D"$ F 1 /=' 6' '" ="' $E2$F"1K=' 1%#1' E= N#' E%"0 E=$"= 2F' K#22= / =$E% I I " EF1 %"' 6' "C ' I %/ < .' ="1' D$=CN#= /."F1#$.' - 2 =C1' FEE=D1.' DF$' FCC C' =1' 2=&.' 6' %2Q$= /= 2 = I D=$=#$' N#' "= &=#1' D2#C' $=E=0 &% $' 2 F/$=CC=' 6' Z' =q J% N# %"' C %EE#D= =WE2#C &= I ="1' /F"C' 2= E%"E 2= /= 2F' $.D%"C= M' C%"' I =CCFJ=' 6' EQ"= <F 1= DF$' ! FD%2.%"' M D2#C =#$C' .&YN#=C' N#' C= %"1' $= /#C' C%2. I ="1' M 2F' E# $

đ 3=D# C' 2= E% I I ="E= I ="1' /=C' / <<.$="/C' ="1$= 2= DFD= =1' ! FD%2.%"- %"' F22F 1' /= C "J#2F$ 1.C' ="' C "J#0 2F$ 1.C- $= I F$N#= 2 FKK.' /= 7$F/1- 1F"1' 2=C' F<<F $=C' =EE2.C FC1 N#=C' C%"1' .D "=#C=C' ="2Q&= I ="1' =1' 2F' =FD1 & .' /= 7 = ;2Z' <%$ I F ="1' /. M' /=C' CEQ"=C' K ="

.1$%"J=C ' 2 " L I F"N#F 1 N# #"" E%"E 2=' " 2 =#1 ="" # "")*))' =D="/F"1-' E%"1 "#=' 2 F$EO=&YN#=' "% I I .' /=' F2 "=C-' 2F E%""F CCF"E=' /=' 2 =CD$ 1 /=C <F 1C I 0 D%$1=' D2#C N#=' 2F E%""F CCF"E=' (2=C <F 1C =#W+ I Y I =C-' EF$ 2M $.C /=' 2F DF$1 =' &$F I ="1 C#KC1F"1 =22=' /=' 2 O C0 1% $=' 5 =21=' $.<2=W %"" =C1 <%$1 #C1=' =C1 D%#$N#% -' J$bE=' F#W #1 2=C $="C= J"= I ="1C N# F K =""' &%#2# <%#$0 " $ E=' /.2 .' E%"< /="1 /=C D$% =1C /=' 2 = I D=$=#$-' =1 "%"" I % "C F /.' DF$ 2=C E#$ =#C=C $.&.2F1 %"C N#' "%#C C%"1 F$$ &.=C /# EF I D %DD%C.' F# C ="-' "%#C &%#/$ %"C-' F&F"1/=' $FE%"1=$ 2=/.1F 2 /=C /.2 K.$F1 %"C "1.$ =#$=C /# E%"E 2=-' =WD2 N#=$ F&=E F#1F"1 /=' D$.E C %"" N#=' ID%CC K2=' N#=22=' .1F 1 M 2 .JF$/' /# EO=< /=' 2 1F1-' /# E2=$J.' =1 /# D#K2 E /=' E=11=' .D%N#=-' 2F D%C 1 %"" /=C D$.2F1C C%2=""=22= I ="1 $.#" C /F"C E=11=' FCC= I K2.=-' E%"&%N#.=' C' <%$1 M 2 I D$%& C1=' =1 "%"" I % "C K$#CN#=0 I ="1 / CC%#1=

"C' N#=' "%#C 2 F&%"C E#"C1F1.' /F"C 2=' D$.E./="1 EOFD 1$=-' 2F E% I D%C 1 %"" /# E%"E 2=' .1F 1 F#CC' "E% I 0 D2Q1=' N# $$.J#2 Q$=' "" D$ "E D=-' 2 /=&F 1 Y1$=' <%$ I .' /% 2 .D CE%DF1 /=C E%"1$.=C C%# I C=C M 2F /% I "F1 %"" /=' 2 = I D=$=#$! FD%2.%"-' 1F"1 ="" $F"E=' N# ="" 1F2 =' =1 ="" 22= I FJ"=' 2%$C I Y I =' N#=' 2=C 1 1#2F $=C /=' E=C C QJ=C F#$F ="1 1%#C .1.' FDD=2.C M 7F$ C-' 2=#$E%"E%#$C /F"C E=21=' EFD 1F2=' " F#$F 1 DFC ="E%$=' E%"C1 1#=' M

* ' F ! ' ' ' 7 ' 7

K=F#E%#D' D$QC' #'" E%"E 2=' nE# I ." N#=-' EF$' F I F C' %'" " F' FDD=2.' /=' E=' "% I ' N#=' 2 FCC= I K2.=' J." .$F2=' /=' 1%#C' 2=C' .&YN#=C' /=' 2F' EO$.1 ="1.-' D$.C /.C' DF$' 2=' CF "1+DQ$=' %#' DF$' #'" /=' C=C' 2.JF1C ' # &F"1' 2F' 1$F/ 1 %'" EF1O%0 2 N#=-' F#W' E%"E 2=C' nE# I ." N#=C' C=#2C' FDDF$1 ="1' 2=' /$% 1' /=' D$%"%"E=$' C#$' 2=C' N#=C1 %"C' /=' /%J I =' %[' /=' / CE D2 "=' J."."$F2= ' }' /.<F#1' / #"=' DF$= 22=' F#1%$ 1.-' 2=C' D$.2F1C' N#=' 2= ' 1%#1+D# CCF"1' I FZ1$=' /=' 2F' $F"E=' &="F 1' /=' D2FE=$' C%#C' 2F' D$.C /="E=' /=' C%'" %"E2=' 2=' EF$/ "F2' =CE2 ' D%#&F ="1+ 2C' F#' I % "C' $=&=" / N#=$' 2=C' D$ & 2QJ=C' ="E%$=' E%"C /.$FK2=C-' N#% N#=' K=F#E%#D' D #C' $=C1$= "1C-' / #'" E%"E 2=' "F1 %"F2g' =2F' I Y I =' .1F 1' FCC=X' /%#1=#W ' '" E=' N# ' $=JF$/F 1' 2F' $F"E%-' E .1F 1' K ='" ='" =<<=1' #'" E%"E 2=' "F1 %"F2-' EF$-' M' 2 =W0 E=D1 %'" /=' 2 .&YN#=' /=' .=X-' E%"1$F "1' /=' C=' /. I =11$=-' 1%#C' 2=C' D$.2F1C' /=' 2 = I D $=' F&F ="1' .1.' $.J#2 Q$=0 I ="1' E%"&%N#.C '))' " ='" F&F 1' .1.' F "C ' " ' D%#$' 2 22= I FJ"=' " ' D%#$' 2 1F2 = ' .1F 1' I %N#=$ =' N#=' /=' E%"C /.$=$' 2=' E2=$J.' /=C' D$%& "E=C' C 1#.=C' /=' 2 F#1$=' Ec1.' /# O '" E% I I =' /] I ="1' $=D$.C="1.' /F"C' #'" E%"0 E 2=' %a' 2' E% I D1F 1' F#' D2#C' N#F1$=' %#' E "N' .&YN#=C ' =2F' " .1F 1' DFC' K=F#E%#D' D2#C' C.$ =#W' M' 2 .JF$/' /=' 2 1F2 =-' F2%$C' N#=' 2 .&YN#=' I c I =' /= % I =-' EO=<' C#0 D$Y I =' /=' 2F' EF1O%2 E 1.-' .1F 1' D$ C%"" =$' M' F&%"=-' =1' N#=' 1$= X=' /=C' I = I K$=C' /#' CFE$.+E%22.J=-' /.D%# 22.C' /=' 2=#$' D%#$D$=-' /= I =#$F ="1' D2FE.C' C%#C' 2F' C#$&= 2+

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2F"E=ʻ /=ʻ 2Fʻ D%2 E=ʻ I D.$ F2=ʻ 7F$ I ʻ 2=Cʻ D$.2F1Cʻ /=Cʻ DFLCʻ / %#2$=+ I %"2C-ʻ#"ʻ D=#ʻ I % "Cʻ /=ʻ 2Fʻ I % 1 .ʻF&F ="1ʻ .1.ʻ I F"/.Cʻ Mʻ 7F$ CSʻ 2=Cʻ F#1$=Cʻ F&F ="1ʻ .1.ʻ %# =WE2#Cʻ /=ʻ 2Fʻ 2 C1=ʻ E% I I =ʻ C#CD=E1C-ʻ %#ʻ ="2=&.Cʻ /=ʻ <%$E=ʻ /=ʻ 2=#$Cʻ / %EQC=Cʻ D%#$ Y1$=ʻ 1$F"CD%$1.Cʻ C%#Cʻ =CE%$1=ʻ /=ʻ J="/F$ I =Cʻ /F"Cʻ N#=2N#=Cʻ & 22=Cʻ /=ʻ $F"E=ʻ %aʻ 2 = I D=0 $=#$ʻ 2=Cʻ $=1="F 1ʻ ="E%$=

%#1ʻ F&F 1ʻ /%"Eʻ .1.ʻ "%#&=F#ʻ =1ʻ $$.J#2 =$ʻ /F"Cʻ 2Fʻ E%"&%EF1 %"ʻ /#ʻ E%"E 2=ʻ =ʻ N#ʻ .1F 1ʻ "%"ʻ I % "Cʻ <b0 EO=#W-ʻ 2Fʻ 1$F/ 1 %"-ʻ E=11=ʻ $QJ2=ʻ /=ʻ 1%#1ʻ 1= I DCʻ EOQ$=ʻ Mʻ 2 J2 C=-ʻ N#ʻ D$.C /=ʻ / %$/ "F $Pʻ CF"Cʻ "#22=ʻ E%"1=C1F0 1 %"ʻ F#ʻ J%#&=$"= I ="1ʻ /=Cʻ F<<F $=Cʻ $=2 J =#C=C-ʻ "=ʻ <%#$0 " CCF 1ʻF#E#"ʻ D$.E./="1ʻ N#ʻ <]1ʻ / $=E1= I ="1ʻ FDD2 EFK2=ʻ F#Wʻ E $E%"C1F"E=Cʻ /#ʻ I % I ="1ʻ ʻ 2=Cʻ $=D$.C="1F"1Cʻ /=Cʻ / %EQC=Cʻ /=ʻ 2Fʻ EF1O%2 E 1.ʻ ="1 Q$=ʻ C .1F ="1-ʻ ="ʻ)*))-ʻ $="E%"1$.Cʻ 1%#Cʻ /F"Cʻ 2=Cʻ CF2%"Cʻ /=ʻ 2 #EO=&YEO.ʻ /=ʻ 7F$ C-ʻ 2Cʻ =#CC="1ʻD$%KFK2= I ="1ʻ F/%D1.-ʻ "%"ʻ CF"Cʻ N#=20 N#=ʻ = I KF$$FCʻ D=#1+Y1$=-ʻ EF$ʻ =22=Cʻ /F1F ="1ʻ /=ʻ D2#Cʻ /=ʻ /=#Wʻ C QE2=Cʻ =1ʻ /= I -ʻ 2=Cʻ $QJ2=Cʻ N#ʻ F&F ="1ʻ D$.C /.ʻF#ʻ /=$" =$ʻ E%"E 2=ʻ nE# I ." N#=-ʻ E =C1+M+/ $=ʻ Mʻ E=2#ʻ N#ʻ <#1ʻ 1="# Mʻ $="1=ʻ ="ʻ 2 F"".=ʻ)`,`ʻ 3 #"ʻ F#1$=ʻ Ec1.-ʻ Cʻ 2=Cʻ .&YN#=Cʻ /=ʻ $F"E=ʻ Lʻ F&F ="1ʻ .1.ʻ C=#2Cʻ E%"&%N#.C-ʻ 2Cʻ F#$F ="1ʻD#ʻ C F /=$ʻ / #"ʻ "% I K$=ʻ C#<< CF"1ʻ /=ʻ D$.E.0 /="1Cʻ O C1%$ N#=C-ʻ FCC=Xʻ / &=$C-ʻ 2 =C1ʻ &$F -ʻ =1ʻ DFCCF0 K2= I ="1ʻ E%"<#C-ʻ D$%D$=Cʻ ".F" I % "Cʻ Mʻ 2=Cʻ .E2F $=$ʻ C#$

[' 8 ! ' ' ' 7 ' 7

2F I F$EO=' F#2$=<% C C# & =' =" DF$= 22=' E $E%"C1F"E=' /F"C 2=C D$%& "E=C /=' 2 F"E =""=' F#2=' $ I F C 2F $.#0 " %"' C I #21F".=' /=' 1$% C E2=$J.C / <<.$="1C-' /%"1' #"' C=#2-' E=2#' /=' 2 = I D $=' <$F"PF C-' .1F 1' F# J$F"/' E% I 0 D2=1-' "=' <%$ I F 1' DFC-' M D$%D$= I ="1' DF$2=$-' #"' &.$ 1F0 K2=' E%"E 2=' "F1 %"F2 ' 7F$' 2=' "% I K$=' =1' DF$' 2 %$ J "=' .1$F"JQ$=' /=C D$.2F1C E%"&%N#.C-' d 2 .1F 1-' C# &F"1' 2=C =WD$=CC %"C /=' 2 FKK.' /=' 7$F/ -' K=F#E%#D' I % "C N# #"' E%"E 2=' %=E# I ." N#=-' I F C F#CC ' K=F#E%#D' D2#C N# #"' E%"E 2=' D$ &.' "F1 %"F2 %# F#1$=' 5 3=' 2M I 22=' D=$0 D2=W 1.C D%#$ E=#W N#' F&F ="1' $=P# /=' = I D=$=#$ 2F I CC %"' /=' 2#' "/ N#=$ 2F <FP%"' /%"1' 2 <F22F 1' D$%E./=$ F# %#$/ O# ' "' F&F 1' K ="' 1$%#&.-' ="' $=0 I %"1F"1' #CN# M OF$2= I FJ"=-' /%"1' 2=' "% I ' $=&="F 1' C' <$.N#= I I ="1' C#$' 2=C 2Q&$=C /=' ! FD%2.%"' E2 /%"1' 2=C =W= I D2=C F&F ="1' FEN# C 1%#1' M E%#D' #"=' 1=22=' F#1%$ 1.-' %"' F&F 1' 1$%#&.-' / C+ =-' #"' E%"E 2=' E% I D%C.' / .&YN#=C FDDF$1="F"1' M / &=$C=C "F1 %"F2 1.C-' C%2="""=22= I ="1' 1="#' M $F"E<%$1' /=&F"1' 2=' J$F"/' = I D=$=#$ / EE +' /="1-' =1-' D%#$ F "C' / $=-' C%#C CF D$.C /="E=' .1F 1' #"' D$.E./="1' 1=$$ K2= I ="1' F"E ="-' =1' /=D# C 2%$C 2=C 1= I DC F&F ="1' N#=2N#=' D=#' EOF"J.' "' DF$E%#$F"1' 2=C DF$EO= I "C D%#/$=#W $F I FCC.C /F"C 2=C 1$.C%$C /=

)' ' ' C$ ' ' ! ' 1' -' D' *

"%C & = 22=C FKKFL=C =1 N#= / .E2 <<$F 2 D%#$ =#W 2= / $=E0 1=#$ /=C F$EO &=C I D.$ F2=C- ' 3F#"%#- 2= 22 " C2$= /=C E#21=C- ' J%1-- =1 2=C .&YN#=C F11FEO.C F# DF$2 ' /= 2F E%#$ " F&F ="1 DFC 2F$/.' M $=E%""FZ1$= N#= 2=C FCC= I K2.=C /= E=C 1= I DC $=E#2.C F&F ="1 .1.' I +DF$2 = $=2 J =#C=C =1 I +DF$1 = D%2 1 N#=C ' !%"+C=#2= I ="1 OF$2= I FJ"= L F&F 1 %#.' #"" $c2= D$.D%"/.$F"1- E= N#' " .1F 1 DFC <F 1 D%#$ =<<$FL=$ ="" $ ="" 2 = I D=$=#$S I F C E=22= "1=$&="1 %"" F&F 1 .1.' / $=E1=- DF1="1= =1 1%#1= D=$C%""=22=- E= N#' .1F 1 #"" D=# D2#C =$"KF FC+ CF"1' =C / J" 1F $=C /# E2=$J.' " L F&F ="1 DFC C=#2C < J#$.S 2=C D2#C OF#1C D=$C%""FJ=C /= 2F E%#$ L F&F ="1 .JF2= I ="1 .1.' E%"&%N#.C ' $- C 2 =]1 &%2%"1 =$C- M 2 "C1F$ /= OF$2= I FJ"=- C J".' 2= /.E$=1 %#- E% I = %"" / CF 1 F2%$C- 2= EF"%"" D%$1F"1 E%"/F I "F1 %"" FD%C1%2 0 N#= M 2 .JF$/' / #"" E=$1F "" FCC 22%"< /#E /= F& Q$=- E%#DFK2= /= C Y1$= $.&%21.' E%"1$= 2= EO=< /= 2 = I D $=- ! FD%2.%"" C= C%#E F 1 I./%E$= I ="1 /= &=" $ C .J=$- E%#$%""= =" 1Q1=- F# K=F# I 2 =# /# DF$& C /= ! %1$=+ 3F I =' 2 2# ' E%"&="F 1 ="E%$= I % "C /= C L D$.C="1=$ "1$%/# 1 DF$ ' /= F22=L$F"/- <2F"N#.' M /$% 1= =1 M JF#EO= /= ' F I KFE.$QC =1 .J"F#21 /= F "1+:=F"+ / "J.2L D%#$ L / CE#1=$F#1F"1 N# #"" 7Q$= /# E%"E 2= 1%#1=C 2=C I F1 Q$=C O.%2%J N#=C N#' C=$F ="1 C%# I C=C M 2F /%E1= FCC= I K2.=- =1 /= D$="/$= F# K=C% "" 2F D2# I =-

) ' h ' ! ' ' ' 7 ' 7

E% I I =' 2 F&F 1' <F 1' C%"' J2%$ =#W D$. / . E=CC=#$-' F< "' /=' $F I ="=$' /F"C' 2=' EO= I "' /=' 2 %$1O% / %W =' #"' E=$1F "' 2 +' DF" /-' . &YN#=' /=' %2Q /=-' /%"1' 2F' <F#CC=' /%E2$ "=' D&F 1' I %1 &.' 2F' $. #" %"' /#' E%"E 2=' /=' $F"E<%$1 ' ' F I %#0 $=#W' N# 2' <]1' /=&="#' /=C' C%#&=" $C' /#' FC+ I D $=' =1' /#' I %L="' bJ=-' C ' FCC#$.' N# 2' D]1' Y1$=-' =1' F&=E' J$F" /=' $F C%"-' /#' $=CD=E1' /=' C=C' C# =1C' =1' /#' C. $ =#W' I Y2.' /=' E$F "1=' F&=E' 2=N#=2' 2C' .1F ="1' / CD%C. C' M #J=$' 1%#C' C=C' FE1=C-' 2 = I D=$=#$' F&F 1' JF$ / .' #"' 1$%D' #C1=' "C1 "E1' /=C' C="1 I ="1C' /=' 2F' J. ". $F1 %"' M 2FN#=22=' 2' FDDF$1="F 1' D%#$ &%#2% $-' ="' D2= "' WW~' C QE2=-' OFCF$ / =$' #"=' 1=22=' . D$=#&=' =1' $ CN#=$' CF' D=$C%" "=' /F"C' #"=' DF$= 22=' I C=' ="' CEQ"=' $ C%"' D2F"' .1F 1' 1%#1' F#1$=

3=D# C' 2=' %#$' %a' /=' CF' I F "' J2%$ =#C=' 2' F&F 1' D%C.' 2# + I Y I =' C#$' C%"' <$%"1' 2=' / F / Q I =' I D. $ F2-' 2=C' $FD0 D%$1C' N# 2' F&F 1' ="1$=1="#C' F&=E' 2=C' EO=<C' CD $ 1#=2C' / =C' / &=$C' / %EQC=C' /=' $F"E=' F&F ="1' <F 1' "FZ1$=' EO=X' ! FD%2. %"' 2 / .=' I F2O=#$=#C= I ="1' 1$%D' <%" / .=' N#=-' I %L=" "F"1' #"' D=#' / F$1' =1' CF"C' 1$%D' /=' <$F C-' 2' ="' %K1 =" / $F 1' M D=#' D$QC' E=' N# 2' &%# / $F 1 ' 2' <F#1' F %#0 1=$' N#=' 2=C' E%"&=$CF1 %"C' "1 I =C' =1' /=' D2#C' ="' D2#C' <$. N#="1=C' N# ="' E=C' / =$" =$C' 1= I DC' 2' F&F 1' =#=C' F&=E' 2=C' I = I K$=C' / =C' / =#W' E% I I CC %"C' =EE2. C FC1 N#=C-' DF$1 E#2 Q$= I ="1' F&=E' 2=C' . &YN#=C' ="&%L. C' ="' / . D#1F0 1 %"' D$QC' /#' DFD=' M F&%"=-' " F&F ="1' DFC' D=#' E%"+

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1$ K#.‘ M‘ <%$1 < =$‘ EO=X‘ 2# ‘ #"=‘ C‘ /.D2%$FK2=‘ E%"& E1 %" ‘
2‘ .1F 1‘ I F "1="F"1‘ 1%#1‘ M‘ <F 1‘ D=$=#F/.‘ N#=-‘ CF"C‘ C=‘
D$%/# $=‘ D#K2 N#= I ="1-‘ E=‘ NL =‘ 2 .D%N#=‘ "=‘ E% I D%$0
1F 1‘ J#Q$=-‘ CF"C‘ FDDF$FZ1$=‘ C‘ D=#‘ N#=‘ E=‘ <]1-‘ =" ‘ $=C1F"1‘
D%#$‘ F "C‘ / $=‘ EFEO.‘ /F"C‘ 2=C‘ E%#2 CC=C-‘ 2‘ D%#$$F 1‘
/ $ J=$‘ 2=‘ E%"E 2=‘ /=‘)*)‘ 2‘ M‘ 7F$ C‘ F#CC‘ =% I D2.2= I ="1‘
N#=‘ 2=‘ <%"/F1=#$‘ /=‘ 2F‘ /L"FC1 =‘ EF$2%& "J =""=‘ F&F 1‘
I =".‘ E=2# ‘ /=‘ $F"E<%$1‘ =" ‘ \B, ‘ =21=‘ E%"< F"E=-‘ N#=‘
2 .&."= I ="1‘ " F‘ DFC‘ #C1 < .=-‘ E=C‘ D$.2F1C‘ 2 F&F ="1‘ "0
E%"C /.$. I ="1‘ <F 1‘ "FZ1$=‘ /F"C‘ 2 =CD$ 1‘ /=‘ 2=#$‘ I FZ1$=‘
=" ‘ 2# ‘ $.D.1F"1‘ /=‘ K%""=‘ <%‘ =1‘ C#$‘ 1%#C‘ 2QC‘ 1%"C‘ N# 2‘
D%#&F 1‘ <=$ I = I ="1‘ E% I D1=$‘ C#$‘ 2 F11FEO= I ="1‘ =1‘ 2F‘
< /.2 1.‘ /=‘ 1%#1‘ 2=‘ E2=$J.‘ <$F"PF ‘ 2‘ L‘ F&F 1‘ M‘ / C1 "0
J#=$‘ /F"C‘ E=11=‘ KF"F2=‘ <%$ I #2=-‘ /%"1‘ " %"1‘ F I F C‘
E=CC.‘ / #C=$‘ 2=C‘ E%#$1 CF"C‘ /=‘ 1%#1=C‘ 2=C‘ E%"/ 1 %"C‘ =1‘
/=‘ 1%#C‘ 2=C‘ C QE2=C‘ 7%#$‘ E=‘ N# ‘ .1F ‘ /=‘ 2F‘ < /.2 1.-‘ 2=C‘
I = I K$=C‘ /=‘ 2F‘ E% I I CC %" ‘ "=‘ D%#&F ="1‘ C Y1$=‘ F&F"E.C‘
1$%D‘ 2% "-‘ d‘ EF$‘ 2=‘ E2=$J.-‘ /.<="/#‘ DF$‘ C=C‘ D$ "E D=C-‘
.1F 1‘ "EFDFK2=‘ / L‘ I F"N#=$‘ F I F C‘ " ‘ F22F"1‘ #CN# M‘
DF$2=$‘ =" ‘ E=‘ I % I ="1‘ /=‘ C%" ‘ F<<=E1 %"-‘ "%#C‘ F‘ E%"<=CC.‘
D2#C‘ 1F$/‘ 2 #" ‘ / =#W-‘ ‘ /=‘ 7$F/2-‘ D2#C‘ E2F $&%LF"1‘
N#=‘ C=C‘ E%22QJ#=C-‘ 2=C‘ I = I K$=C‘ /=‘ 2F‘ E% I I CC %" ‘
C .1F ="1‘ K=F#E%#D‘ F&F"E.C‘ 5‘ F"W .1.‘ F&F 1‘ JFJ".‘
2=‘ E2=$J.‘ F‘ C.N#=C1$F1 %" ‘ /#‘ DFD=‘ 2=‘ <F CF 1‘ C%#<<$ $‘
=1‘ 2=‘ /.1FEOF 1‘ K=F %#D‘ /=‘ E=2# ‘ N# ‘ =" ‘ .1F 1‘ 2 FL+

‘ ! ‘ ! ! ,`

DFC‘ M‘ 2 .JF$/‘ /=C‘ D$.2F1C‘ /=‘ C%"‘ = I D $=‘ /F"C‘ 2F‘ I Y I =‘
C 1#F1 %"‘ N#=‘ 2=‘ /.&%1‘ I %"F$N#=‘ N#‘ " O.C 1F 1‘ DFC‘ M‘
D$Y1=$‘ C=C‘ C%2/F1C‘ M‘ 2 J2 C=‘ EF1O%2 N#=‘ F< "‘ /=‘ 2 F /=$‘
M‘ E%"&=$1 $‘ 2=C‘ D$%1=C1F"1C-‘ 2‘ C ="‘ <F22F 1‘ .JF2= I ="1‘
/=‘ K=F#E%#D‘ N#=‘ 2=‘ E2=$J.‘ /=‘)*))-‘ DF$‘ CF‘ E% I D%C 0
1 %"‘ =1‘ DF$‘ C%"‘ =CD$ 1-‘ <]1‘ C= I K2FK2=‘ M‘ E=2#‘ /=‘ 2 F"0
E =""=‘ I %"F$EO =‘ F‘ $F"E=-‘ C%#C‘ 2=‘ $QJ"=‘ /=‘
%# C‘ G ;-‘ D%CC./F 1‘ #"‘ .D CE%DF1‘ "%"+C=#2= I ="1‘ <F0
I =#W‘ DF$‘ 2F‘ CE ="E=‘ =1‘ DF$‘ 2F‘ #C1=‘ $="% I I .=‘ /=C‘
%CC#=1‘ =1‘ /=C‘ ."=2%"-‘ I F C‘ F#CC‘ 1$QC+OF#1‘ D2FE.‘
/F"C‘ 2F‘ E%"C /.$F1 %"‘ /=C‘ E%"1= I D%$F "C‘ DF$‘ 2 22#C1$=‘
%$ J "=-‘ DF$‘ 2M‘ J$F"/=‘ =W C1="E=‘ 1=$$ 1%$ F2=-‘ DF$‘
2 "<2#="E=‘ "/ & /#=22=-‘ =1‘ C%#&="1‘ DF$‘ 2F‘ <%$1#"=‘
D=$C%""=22=‘ /=‘ 2F‘ D2#DF$1‘ /=‘ C=C‘ I = I K$=C‘ 7$ C=‘ ="‘
E%$DC-‘ 2 J2 C=‘ /=‘ $F"E=‘ .1F 1‘ F2%$C‘ O%"%$.=‘ /F"C‘
1%#1=‘ 2F‘ EF1O%2 E 1.‘ M‘ EF#C=‘ /=‘ C%"‘ I .$ 1=‘ "E%"1=C1.-‘
/=‘ CF‘ "%1% $=‘ "/.D="/F"E=‘ 3F"C‘ 2 %D " %"‘ J.".$F2=‘
E% I I =‘ M‘ C=C‘ D$%D$=C‘ L=#W-‘ =22=‘ .1F 1‘ &.$ 1FK2= I ="1‘
EFDFK2=‘ /=‘ E% I D$="/$=-‘ /=‘ KF2F"E=$--‘ /=‘ /.<="/$=‘
1%#$‘ M‘ 1%#$‘ F&=E‘ 2F‘ I Y I =‘ D# CCF"E=‘ =1‘ F&=E‘ 2=‘ I Y I =‘
C#FEQC‘ 2=C‘ /$% 1C‘ /#‘ D$ "E=‘ 1= I D%$=2‘ N#‘ 1$c"F 1‘ F2%$C‘
M‘ ;=$CF 22=C‘ =1‘ E=#W‘ /#‘ EO=<‘ CD $ 1#=2‘ N#‘ $.C /F 1‘ M‘
% I =‘ % I K ="‘ 1%#1‘ E=2F‘ .1F 1‘ EOF"J.-‘ =1‘ N# 2‘ .1F 1‘
2% "‘ / ="‘ Y1$=‘ ="E%$=‘ F "C‘ s‘ =‘ D#K2 E‘ 2=‘ C="1F 1‘ K ="-‘
2=C‘ D$.2F1C‘ ="‘ F&F ="1‘ E%"CE ="E=S‘ I F C‘ D=$C%""=‘ "=

)* ' ! ' ' ' 7 ' 7

2 F$EO=&YN#=' /=' F2 "=C-' /=' D$.<.$="E=' ="E%$=' F&=E'
2 F$EO=&YN#=' /=' %#$C' =1' C#$1%#1' F&=E' 2 .&YN#=' /='
! F"1=C-' C' <%$1' = I D$=CC.C' 1%#C' /=#W' M' 2#' <F $=' DF$1' /%
2=#$' CE ="E=' EF"%" N#=-' 2 = I D=$=#$' F&F 1' /=' D2#C' ="'
D2#C' F$$F"J.' /F"C' CF' 1Y1=' N# M' 2 F /=' /=' C' OFK 2=C'
F#W 2 F $=C' 2' C=$F 1' F C.' /=' C=' $="' /$=' 2=' I FZ1$=' FKC%2#
/#' E%"E 2=' %# %#$C' D2= "' / FCC#$F"E=-' 2=' EF$/ "F2'
=CEO' C .1F 1' / F&F"E=' D%$1.' <%$1' F#D$QC' /=' 2#' D%#$'
1%#C' C=C' E%22QJ#=C' 2' F&F 1' E2F $= I ="1' /%"".' M' ="0
1="/$=' N# 2' F&F 1'C' K ="' D$.DF$.' 2=C' EO%C=C-' N# ="' 2% 1='
%EEFC %"' 2 FCC= I K2.=' 2#' 2F CC=$F 1' DF$' / .<.$="E=' 2=' C% "'
/=' /.C J"=$' 2# + I Y I =' 2=C' I = I K$=C' /=' C=C' / &=$C=C'
E% I I CC %"C' 2' <=$F 1' F11="1 %"' /=' " L' F/ I =11$=' N#='
/=C' D$.2F1C' C]$C' =1' D$#/="1C-' =1-' DF$ I ' =#W-' E=#W+2M'
C#$1%#1' N#=' 2 = I D=$=#$' /F J"F 1' O%"%$=$' /=' CF' E%"0
< F"E=' DF$1 E#2 Q$=' =C' I =CC =#$C' F#$F ="1' 1%#1=' <FE 0
2 1.' D%##$' C ="1="/$=' F&=E' 2#' EOFN#=' %#$' /F"C' /=C'
E%"<.$="E=C' <F I 2 Q$=C' =1' C=E$Q1=C' 2C' C=$F ="1' F "C'
FCC#$.C' /=' "=' F I F C' D$%D%C=$' M' 2=#$C' E%22QJ#=C' N#='
/=C' $.C%2#1 %"C' /.M' /.KF11#=C' ="' D$.C="E=' /#' C%#0
&=$F "-' E%"&="#=C' F&=E' 2# -' =1' N#' "=' $ CN#=$F ="1'
DFC' /=' E%"1F =$' CEC' &#=C' %#1' DFCC=$F 1' D%#$'
F "C' / $=' ="' <F I 22=-' =1' /=' E=11=' <FP%"' 2=' "%#&=F#
OF$2= I FJ"=-' CF"C' F&% $' .1.+' #"' "C1F"1' E% I D$% I C'
/=&F"1' #"' D#K2 E' #2 <<.$E"1' %# 2F 22=#$-' =1' 1%#1' ="

I ."FJ=F"1' %C1="C K2= I ="1-' C 2' C ="' $="E%"1$F 1-' 2=C' C#CE=D1 K 2 1.C' /=C' D$.2F1C' 2=C' D2#Cm I K$FJ=#W-' " ="' /=0 I =#$=$F 1' DFC' I % "C-' F#1F"1' N#=' 2 = I D=$=#$' /=C' 1= I DC' DFCC.C-' 2=' &.$ 1FK2=' 1O.%2%J ="' /# E%"E 2=' FCC= I K2.' C%#C' C% ' $QJ"=' =1' 2 F$K 1$=' /.< " 1 <' /=C' N#=C1 %"C' N#=-' D%#$' 2F' <%$ I =' C=#2= I ="1-' 2' F#$F 1' =#' 2 F $' /=' 2#' C%# I =11$=' F' E% I K "F C%"' .1F 1' F/ I $FK2=' 7F$' I F2O=#$-' E=' /=CC= "' C' K ="' E%"P# F&F 1' /.K#1.' DF$' $=E=&% $' #"' FCC=X' $#/=' .EO=E-' 2%$CN#=-' E%"1$=' 1%#1=' D$%KFK 2 1.' =1' I F2J$.' 2F' D$.1="1 %"-' 2' =C1' &$F -' FCC=X' & 2=' $=1 $.=' /=2=#$' D$.C /="1-' 2=C' .&YN#=C' E%"&%N#.C' M ! %1$=+3F I =' F&F ="1' 1. I % J".' 2F' &%2%"1.' /=' "% I 0 I =$'=#W+ I Y I =C' F# CE$#1 "' C=E$=1' 2F' E% I I CC %"' EOF$0 J.=' /=' $./ JF$' 2 F/$=CC=' M 2 = I D=$=#$' 8#=' &%#2F 1' / $=' E=1' FE1=' "F11="/#-' =1' N#=' <F22F 1+ 2' ="' E%"E2#$=g' ^1F 1+E=' C I D2=' "F/&=$1F"E=-' %# K="' <F22F 1+ 2' L' &% $' #"=' &=22. 1.' / %DD%C 1 %"g' =21=' "E=$1 1#/=' F22F 1' Y1$=' .E2F $E =' DF$' E=' N#' C=' DFCC=$F 1' /F"C' 2 "0 1.$ =#$' /=' 2F' E% I I CC %"' /=' 2 F/$=CC=-' =1' E=2F' C=#2' /%""F 1' N#=2N#=' "1.$Y1' M C=C' <#1#$=C' /.2 K.$F1 %"C-' EF$' 2' "=' C FJ CCF 1' ="' F#E#"=' <FP%"' /=' $.D%"/$=' ="E%$=' F# I =CCFJ=' DF$' 2=N#=2' 2 = I D=$=#$' F&F 1' E2F 0 $= I ="1' D%C.' 2F' N#=C1 %"' /=' 2 "C1 1#1 %"' EF"%" 0 N#=' 4"=' F#1$=' E%" I CC %"' N#' "=' C=' $.#" 1' N#=' D2#C' 2F$/' (2%q[2' $=" 2 $' E=22=' 2bEO=' "#2$E I ="2' $"+

` ‘ ‘ ! ‘ ‘ ‘ 7 ‘ 7

D%2 F"1=‘ 3F"C 2F D="C.= /= 2F I F %$ 1.‘ /# E%"E 2= 2=C I = I K$=C N# =22= &="F 1 /= EO% C $ " F&F ="1 F2%$C $ ="‘ /= D2#C M <F $= N# M 2#‘ FDD%$1=$ #"‘ /= E=C D$% =1C / F/$=CC= E%"P#C ="‘ 1=$ I =C $=CD=E0 1#=#W-‘ &FJ#=C =1 J."$F#W-‘ N#‘ C=$&="1 F#W FCC= I 0 K2.=C /.2 K.$F"1=C M 1. I % J"=$ /= 2=#$ $=CD=E1 =1 /= 2=#$ $=E%""F CCF"E= D%#$ 2= D$ "E= N#‘ /F J"= D$="/$= 2=#$C F& C‘ = I D=$=#$ 2%#1=<% C "= 2 ="0 1="/F 1 DFC F "C‘ .E%"1="1 /= 2F I F" Q$= /%"1 1=C EO%C=C F&F ="1 #CN# M D$.C="1 1%#$".- D2#C I DF1 ="1 N#= $F C%""FK2=- =1 E% I I = 1%# %#$C /.0 I =C#$. I ="1 D$=CC.‘ / ="‘ &=" $ M C=C < "C- !FD%0 2.%"-‘ F# 2 =# /= 2F CC=$ F#W =CD$ 1C 2= 1= I DC /= C= EF2 I =$-‘ F# 2 =# /= D=$ I E $= M E=22= E% I I C0 C %"-‘ 2F D$= I Q$= "% I I .= DF$ 2= E%"E 2=- /= C= $="<=$ I =$ /F"C 2F <FE 2= I CC %"‘ N#‘ 2#‘ .1F 1 1%#1 "F1#$=22= I ="1 FCC J".=- F&F 1 $.C%2# /= 2F E% I 0 D$% I =11$= M <%"/‘ /F"C CF D$%D$= EF#C=- ="‘ 2#‘ <F CF"1 1%#1 / FKP$/‘ D$%<=CC=$ I‘ <' ‘ =1 CF"C $.1 E="E= 2 ="C= I K2= /=C 1OQC=CmN# 2 C E<<%$PF 2 / %D0 D%C=$ F#W /%E1$ "=C /= 2F E%#$ /= 4% I =‘ 3F"C E=21= %EEFC %"-‘ 2 OFK 2= ‘ 3#&% C "- .&YN#= /= ! F"1=C- <#1- E% I I = %"‘ D%#&F 1 C L F22= #2$=- 2 "C1$# I ="1 EO% C‘ DF$!FD%2.%"‘ D%#$ I ="=$ M K ="‘ #"‘ /=CC= "‘ N#‘ "= 2F$/F J#Q$= M /=&=" $.& +

/="1 D%#$ 1%#C 2=C I = I K$=C /= 2F E% I I CC %"" /= 2 F/$=CC=

= &="/$=/ -) # "- 2=C I = I K$=C /= E=22= E% I 0 I CC %"" .1F ="1 FCC= I K2.C EO=X 2= EF$/ "FZ =CE2 2C .1F ="1 F# "% I K$= /= C=D1- "%"" E% I D$ C 2= D$.C /="1 .1F ="1 2=C F$EO=&YN#=C /= F&="""=- /= #$ "" =1 /= %#$C- =1 2=C .&YN#=C /= !F"1=C- /= $%L=C- /= F"/ =1 /= %"1D=22 =$ %# / &$=#W R 7$=CN#= M

) = CE$#D#2= N#= "%#C /.C $%"C FDD%$1=$ /F"C 2=C I % "/$=C /.1F 2C /= E= $.E 1 "%#C %K2 J= M E%"&=" $ N#= "%#C "= D%#&%"C DFC "%#C D%$1=$ JF$F"1C /= 2F DF$<F 1= =WFE1 1#/= /=C 2 C1=C N#= "%#C /%""%"C /=C I = I K$=C N# %"1 E% I D%C. 2=C / <<.$="1=C E% I I CC %"C /# E%"E 2= "%"" D2#C N#= /= 2F /F1= D$.E C= /=C %#$C %a2=C / <<.$="1=C E%"J$.JF1 %"C J." .$F2=C %"1 =# 2 =# =C /%E# I ="1C DF$1 E#2 =$C =1 E%"< /="1 =2C C#$ 2=CN#=2C "%#C 1$F&F 22%"C- N1 N# $= I %"2=#1 2M D2#0 DF$1 M2 .D%N#= I Y I = /# E%"E 2=- C%"1- E% I I = 2 F$$ &= <$.N#= I I ="1- <%$1 &FJ#=C F# C# =1 /= E=$1F "C <F 1C D%C 1 <C N# .1F ="1 DF$<F 1= I ="1 E%""#C /=C E%"1= I D%$F "C =1 (o# 2=#$ C= I K2F ="1 /F"C 2= I % I ="1 1%#1 M <F 1 "C J" < F"1C #$ 2=C /=#W D% "1C N#= "%#C &="%"C /= C J"F2=$- 2F E% I D%C 1 %"" /=C E% I I CC %"C DF$1 E#2 Q$=C =1 2F /F1= /=C $.#" %"C /=C FCC=N K2.=C J." .$F2=C /# E%"E 2=- 2=C F#1=#$C /= N#=2N#= F#1%$ 1.- : F#<< =1- 7 E%1- 2= EOF"% "= /= I =1- &F$ ="1 #"" D=# =C FE1=C %<< E =2C =1 2=C D$%EQC+&=$KF#W /# E%"E 2= /=)*))- / F 22=#$C 1 QC+K$=<C- 1$%"N#.C I Y I =- " %"1 F I F C .2. D#K2 .C "1.J$F2= I ="1 DF$ 2= J%#&=$"= I ="1 I D.$ F2 =C DFD =$C C%"1 E%"1="#C /F"C /=#W EF$1%"C FCC=X &%2# I "=#W E%"C=$&.C F#W F$EO &=C I D.$ F2=C- =1 N#= 1%#1 2= I %" /= D=#1 L E%"C#21=$ I F C- F "C N#= "%#C 2 F&%"C /. M =WD2 N#. M #%C 2=E1=#$C- 2= I F$.EOFZ F 2K "1- I " C1$= /= 2F I F C%"" /= 2 = I D=$=#$- E#"1$F $= I ="1 F#W <FE 2 1.C N# "%#C %"1 .1. %<<=$1=C D$=CN#= DF$1%#1 F 22=" C- "%#C FLF"1 /= & &= &% W F""%"E.

` ' ' ! ' ' ' 7 ' 7

2 %#&=$1#$= /= 2F C.F"E=- ' 3#&% C "' 1 $F /= CF D%EO= =1' 2#1' #"' D$% =1' / F/$=CC= N# 2 F&F 1' $./ J.' / F&F"E= ' %I I= 2F $.D#1F1 %"' /= E= D$.2F1' .1F 1' J$F"/= =1' I .$ 1.=- D=$C%""= "= C .1%""F N# 2 = 21' D$ C /= 2# + I Y I = E=11.' " 1 F1 &= ' =D="/F"1' %"' C FD=$P#1' K ="1c1' N# F# 2 =# /= E%"1=" $ C I D2=0 I ="1- E% I D = 2 =]1' .1.' "F1#$=2- /= D#$C 1. I % 0 J"FJ=C /= $=CD=E1' =1' / F11FEO= I ="1' D%#$ 2F /L"FC0 1 = I D.$ F2= =1' #"= C%$1= / F/O.C %"' J."$F2= F#W D$ "E D=C /# J%#&=$"= I ="1- E= N# ' .1F 1' /F"C 2=C &n#W /= 1%#C- 2 F/$=CC= D$%D%CF 1' /= 2 =$ / F&F"E= 2= E%"E 2= C#$ 1%#C 2=C D% "1C- =1' " .1F 1' $ ="' I % "C- ="' $.F2 1.- N# #"' &.$ 1FK2= 1$F 1.' /= 1O.%2%J = / .1F1$ EF$ =22= FK%$/F 1' C#EE=CC &= I ="1' 1%#1=C 2=C N#=C+ 1 %"C F2%$C 2= D2#C F$/= I I ="1' E%"1$%&=$C.=C- =1' DF$2F 1' "%1F I I ="1' ="' 1=$ I =C 1$QC+FEE="1#.C /= 2F K#22= / =WE% I I #" EF1 %"' 2F"E.= DF$ 7 = ; ' E%"1$= ! FD%2.%" ' F C1#D.<FE1 %"' <#1' =W1$Y I = ' ' 3#&% 0 C "' F&F 1' M D= "= < "' CF 2=E1#$= N#= EOFEO"' /=C I = I K$=C /= 2F E% I I CC %"' C= I 1' M $=JF$/=$ C%"

N# 2 F&F 1' /%"".'2=C %$/$=C 2=C D2#C <%$ I =2C <%#$ N#= $ ="' "= "%#C <]1' E% I I #" N#.' /F"C E=1' .1FK2 CC= I ="1' D#K2 E- 2 " F DFC /.D="/# /= "%#C /= &.$ < =$ E=C /.1F 2C- N# ' "= EOF"J="1' / F 22=#$C ' ="' F# <%"/' /=C EO%C=C- C#$ 2=CN#=22=C "%#C E$%L%"C D%CC./=$ 1%#C 2=C $="+ 1= J#= I E"2C &$F I ="1' #1 2=C

F&F 1 $=1 $. C%" F$$Y1 R 5 6 d 3 F 22=#$C- F %#1F / $%J2 =- E% I I ="1 / ! F"1=C " F&F 1+ 2 DFC $.<2.EO N# 2 F&F 1 F "C & %2= I I ="1 E% I D$% I C "%"+ C=#2= I ="1 2=C I = I K$=C /= 2F E% I I CC %"- N# D%#0 &F 1 C%"J=$ M I %/ < =$ C%# D$% =1 / F/$=CC=- I F C 2= E%"E 2= 2# + I Q I =- N# F&F 1 F#CC 2= /$% 1 / L "1$%0 /# $= /= "%1FK2=C EOF"J= I ="1C- =1 I Y I =- C E=2F 2# E%"&="F 1- /= 2= $= =1=$ = 1 Q$= I =#1g 1 N#=22= "= C=$F 1 DFC F2%$C $ $$ 1F1 %" /# C%#&=$F " s 5 "C C1F"1 C#$ E= N#= 2F / . I F$EO= /= 3#&% C D F&F 1 /= E%#0 DFK2= =1 / "%#V- EF$ =22= I =11F 1 2=C .&YN#=C "F1 %0 "F#W =" C=E%" /= 2 J"= /F"C #" FE1= N# 2=C E%"E=$"F 1 F#CC =CC="1 =22= ="1- / $%J2 = < C="1 $ M N#=2 D% "1 2 .1F 1 ".E=2 F $= N#= 2= E%"E 2= FJZ1- DF$2b1- .E$ &Z1 2# + I Y I = C=C F/$=CC=C F "C N#=1%#1=C 2=CF#1$=C D QE=C %<2 E =22.C N# . I F"=$F ="1 /% 2# - CF#< (E= N# $=C1F 1 M =WF I "=$ M D$=CC="1 $ ="C# 1= C#$ 2= E%"1="# 2 %D " %" /# C%#&=$F " F< " /= "= DFC =WE 1=$ /=C %$FJ=C .&YN#= /= ! F"1=C- #" D=# 1$%#K2.' /= E=11= FD%0 C1$%DO=- =CCFLF /= C= #C1 < =$ =" C= $= =1F"1 C#$ 2=C / << E#21.C /=C E $E%"C1F"E=C =1 =" / CF"1 N# 2 "= <F22F 1 DFC <F $= EFK$=$ 2 = I D=$=#$ $ I F C 1%#C 2=C I = I K$=C /= 2F E% I I CC %"- #C1= I ="1 =<<$FL.C CF"C

)' :%#$"F /= ' /= $%J2 =- .&1N = /= F"/

/%#1= /= 2F C 1#F1 %" E%" D$% I =11F"1= %a 2=C F&F 2
D2FE.C 2 "/ CE$.1 %" /=A 2=#$ E%22QJ#= FDD#LQ$="1
& &= I ="1 2 %D " %" /= / = $%J2 = d / 3#&% C "-
E%"<%"/#F2%$C =1 E% I I = F12="Y- /= I =#$F E%#&=$1 /=
O%"1=- / 1 2F $=2F1 %" I F"#CE$ 1= M 2FN#=22= "%#C = I 0
D$#"1%"C N#=2N#=C+#"C /= E=C /.1F 2C- =1 <#1 $./# 1 F#
D2#C E% I D2=1 C 2="E= 5 / "%#C "%#C =" $FDD%$1%"C F#
%#$"F2 /= / = $%J2 =- 2=C CF$EFC I =C I Y I = "= 2#
<#$="1 D% "1 .DF$J".C d # $=C1=- I %"C= J"=#$- 2#
F#$F 1 / 1 2= EF$/ "F2 =CE2 - N#=2N#= D=# F2%#W /=
C%" E$./ 1 M 2F E%#$- E =C1 M &%#C /= D$.C="1=$ "%C
/.=C M 2 = I D=$=#$- EF$ 2 F / 1 $.E= I I ="1 N#= &%#C
2= <F C =X K%" EF1O%2 N#= =" 2# DF$2F"1 $=2 J %"- 1F"0
/ C N# #" F#1$= .&YN#= 2= <=$F 1 D$%1=C1F"1- ! %#C "=
CF&%"C C / ! F"1=C 1$%#&F 2= E% I D2 I ="1 1$QC
J$FE =#W d " =<<=1- F %#1F F#CC 1c1 FD$QC 2 .&YN#= /=
$%L=C- / %#2%J"=- F< " CF"C /%#1= N#= C%" E%22Q0
J#= "= D]1 C= 1$% I D=$ C#$ 2=C C="1 I ="1C /= 2F E% I 0
I CC %"- &%#C " F&=X DFC- I %"C= J <=#$- /= N#% &%#C
&F"1=$ K=F#E%#D @ 5 "E /="1 N# &="F 1 /= C= D$%0
/# $= %#&$F 1 .& /= I I ="1 2F &% =mF#W $.E$ I "F1 %"C-
EF$- /F"C E=1<= I Y I = $.#" %"- 2 .&YN#= / &$=#W
FLF"1 <F 1 $= I F$N#=$ CF"C K=F#E%#D / M+D$%D%C N#=

) :%#$"F2 /= / = $%J2 =- &QN#= /% F"/

` ‘ 2 ‘ ! ‘ ‘ : ‘ 7 ‘ 7

E .2F ="Ƶ 2=Ƈ E% I I CC %"Ƈ =EE2.C FC1 N#=C-‘ /%"Ɨ Ƶ <F 0
CF Ɨ DF$1 =-‘ N#‘ ="‘)*) ‘ =Ɨ)*))‘ F&F ="Ɨ 2=Ƈ D$=0
I Q$=Ƈ /%"".‘ 2 /.=‘ /=‘ E%"&%N#=$‘ 2=‘ D$.C="Ɨ E%"E 2=-‘
‘ /=‘ $%J2 =‘ C=‘ Ob1F‘ /=‘ 2#‘ /= I F"/=$‘ dC Ƶ .1F Ɨ C]$‘
N#=‘ E=‘ < Ƶ 2Ƒ E=‘ N# Ƶ F&F Ɨ <F Ɨ /=‘ I =#Ƒ /F"Ƈ CF‘ & = 5‘
p‘ N#%‘ ‘ /=‘ F$$F -‘ F$EO=&YN#=‘ /=‘ %#$C-‘ F&F Ɨ $.0
D%"/# $ d ! %#Ƈ F&%"Ƈ 1$QC+K ="‘ <F 1‘ 5 6‘ d # -‘ &$F 0
I ="1-‘ E=‘ <#Ɨ #"‘ K=Ƶ %#&$FJ=‘ $ $=D$ Ɨ Ƒ C%"‘ 1%#$‘ C%"‘
E%22QJ#=‘ /=‘ F"/‘ 7%#$ 1 $=$‘ / = I KF$$FƇ N#=2N#=Ƈ
.&YN#=Ƈ N#‘ D%#&F ="Ɨ =Ɨ N#‘ /=&F ="Ɨ CF"Ƈ <FP%"‘ C=‘
/.E2F$=$‘ "E% I D.1="2C-‘ &%#Ƈ F&=X‘ /= I F"/.‘ #"‘ E%"E 2=‘
"F1 %"F2-‘ =Ɨ N# F&EX+&%#Ƈ JFJ".g‘ 4"‘ F"‘ /=‘ $.D 1s‘
F Ƈ &%#Ƈ &% 2Ƒ $=1% I K.‘ /=‘ "%#&=F# D2#Ƈ $#/= I ="1-‘
=Ɨ "%#Ƈ 1%#Ƈ F&=E‘ &%#C-‘ /F"Ƈ #"=‘ N#F"1 1.‘ / = I KF$$FƇ
N#‘ I =11="Ɨ ="‘ D.$ Ƶ 2F‘ EF#C=‘ I Y I =‘ /=‘ 2 J2 C=‘ 5
=11=‘ <% C-‘ ‘ /=‘ %#$Ƈ "=‘ $.D2 N#F‘ D% "1R

3=‘ C‘ F J$=Ƈ / CE#CC %"Ƈ " F&F"PF ="Ɨ DFƇ K=F#E%#D‘
2=Ƈ F<<F $=C‘ 22=Ƈ I F$EOF ="Ɨ / F#2F"Ɨ I % "Ƈ & 2=‘ N#=‘
2=‘ E%"E 2=‘ F&F Ɨ R % I I .-‘ %"‘ "=‘ CF Ɨ D%#$N#% -‘ #"=‘
F#1$=‘ E% I I CC %"‘ N#‘ /=&F Ɨ D$.DF$=$‘ #"‘ E=$1F "‘
I F"/= I ="Ɨ /%"1-‘ 2=Ƈ D$= I =$Ƈ I % I ="1Ƈ DFCC.C-‘ Ƶ "=‘
<#Ɨ D2#Ƈ F I F Ƈ N#=C1 %"‘ =‘ EF$/ "FƵ F&F Ɨ &%#2# N#=‘
2F‘ E% I I CC %"‘ /=‘ 2 F/$=CC=‘ =Ɨ E=22=‘ /# I F"/= I ="Ɨ C=

)‘ :%#$"FƵ /=‘ ‘ /=‘ $ J2 =‘ .&cN#=‘ /=‘ F"/

`*' ' ! ' ' ' 7 ' 7

N#=-' 2 C%$1 1' #"=' D QE=' FCC=X' "<%$ I =-' N#='2 .&YN#=' /=' ! F"1=C' F&%#F 1' "=' D2#C' 2#' D2F $=' /#' 1%#1' 7=$C%"'"=' F# <%"/' " ="' .1F 1' CF1 C<F 1' dEF$-' / 1' "% $=' $=2F1 %"' I F"#CE$ 1=-' 2F' E$F "1=' /=' C=' E% I D$% I =22$=' F&=E' 2 = I D=$=#$' F&F 1' F<<F K2' K=F#E%#D' 2=WD$=CC %"' /=C' D="C.=C' /=' 2F' I F %$ 1.' /=' 2F' E% I I CC %"-' =1' 2#' F&F 1' <F 1' E%"C=$&=$' K=F#E%#D' 1$%D' / #"=' F/$=CC=' N# 2 =]1' <F22#' $= =1=$ 1%#1' ="1 Q$=R' 5 8#F"1'Ó ' $%J2 =-' 2 /.E2F$F' N#=' F I F C' 2 "=' C J"=$F 1' E=22=' F/$=CC=

7="/F"1' 1%#1' 2=' 1= I DC' D$ C' DF$' E=C' / CE#CC %"C-' 2=' E%"E 2=' F&F 1' E% I I =' EOc I .-' F11="/F"1' N#=' 2F' E% I 0 I CC %"' /=' 2 F/$=CC=' =]1' < "' C%"' 1$F&F 2')) C=$.#" 1' /=' "%#&=F#' /F"C' 2=' E%#$F"1' /=' 2F' /=$" Q$=' C= I F "=' m 2=' # "-' =1' 1 "1' E%#D' C#$' E%#D' /=#W' %# 1$% C' E%"0 J$.JF1 %"C' J."$F2=C' 8#=2 FEE#= 2' 2=C' D$.2F1C' $.#" C' F22F = 2+ 2C' <F $=' F#' D$% =1' FCC=X' E%"C /.$FK2= I ="1'))) ()f2.' /=' 2 .&YN#=' /=' ! F"1=Cg' F11="1=' /=' E=11=' / C0 E#CC %"' D$.%EE#DF 1' #C1= I ="1' 2 = I D=$=#$ =1' 2=C' D$.+' 2F C' (2=' C%"' DF$1-' EF$' =22=' "=' D%#&F 1' I F"N#=$' /=' <%#$" $' 2=C' D2#C' E2F $C' "/ E=C' C#$' 2=C' &.$ 1FK2=C' / C0 D%C 1 %"C' /#' E%$DC' ="1 =$' /=' 2 .D CE%DF1' # /.K#1' /=' 2F' C.F"E=-' 2=' EF$/ "F2' =CE2' /%""F' 2=E1#$=' / #"=

)' =2F1 %"' I F"#CE$ 1=' /#' E%"E 2=' "F1 %"F2' /=')*))' 1$%#&.=' /F"5' 2#C' DFD =$C' /=' ' "=' $%J2 =-' .&.N#=' /=' F"4

2=2 $=' DF$' 2FN#=22=' 2=' J$F"/' I FZ $=' /=C' E.$. I %" =C' 2=' D$.&="F 1' N#=' 2 = I D=$=#$' $=E=&$F 1' 2=' E%"E 2=' 2=' / " F"E2 =' C# &F"1' ' # " ' 4"' DFFJFD2 =' /=' E=11=' 2=11$=' / CF 1' =WD$=C C."S= 1' N#=' 2 F/$=CC=' C#$' 2FN#=22=' 2=C' .&YN#=C' C FDD$Y2F ="1' M' / .2 K.$=$' /=&F 1' Y1$=' F#' D$.F2FK2=' E% I I #" N#.=' M' F' F =C1.' =#W' N#' F&F ="1' E%"C= 22.' E=11=' / . I F$EO=' M' /%#K2=' C="C-' %a' D=$PF 1' 2F' I ="bE=-' M' D= "=' / .J# C.=' C%#C' 2 FDDF$="E=' / #"=' D%2 1=CC=-' E%""F CCF ="1' <%$1' I F2' 2=' 1= I D.$F0 I ="1' %$/ "F $=' /=C' FCC= I K2.=C' / .2 K.$F"1=C' :F I F C-' C' J$F"/=' N#=' C% 1' 2=#$' E% I D2F CF"E=-' =22=C' " %"1' F I .' N# %"' 2=#$' I Z1' F#CC' %#&=$1= I ="1' 2=' I F$EO.' M' 2F' I F "' ' 3#&% C "' =#1' K ="1c1' %EEFC %"' /=' C ="' FD=$E=&% $-' 2%$CN# 2 =#1' /%"".' E%""F CCF"E=' F# E%"0 E 2=' /=' C%"' D$% =1' / F/$=CC=-' I I . / F1= I ="1' 1$F/# 1' ="' 1F2 ="' DF$' 2 #"' /=' CEC' E%22QJ#=C' D%#$' E=#W' /=C' I = I K$=C' /=' 2 FCC= I K2.=' N#' "=' E% I D$="F ="1' DFC' 2=' <$F"PF C' &F"1' N#=' 2F' 2=E1#$=' " ="' <]1' E% I D2Q1= I ="1' 2 " =-' F&F"1' N# F#E#"=' K%#EK=' "=' C=' <]1' %#&=$1=' D%#$' 2 F11FN#=$' %#' 2=' / .<=" /$=-' /. M' 2=C' I " C1$=C' /% 2 = I 0 D=$=#$' D$.C="1C' F#W' / .2 K.$F1 %"C' /#' E%"E 2=' F&F ="1' D#' /=& "=$-' $ ="' N# M' $=JF$/=$' 2 F21 1#/=' /=C' N#F $=+

'2+ ' $ ' ')) ' !! # ' %$ ' (' :F#<$=1 -' 1' 2-'

'I ' ,' I'@

FF ' ! ' ' ' 7 ' 7

& "J1+N# "X=' .&YN#=C N# 2C F&F ="1' /=&F"1' =#W-' M N#=2' D% "1' 2=C EO%C=C C=' DFCC=$F ="1' F#1$= I ="1' E=22=' <% C N#=' /F"C 2F $.#" %"' /=C C=D1' E% I I CCF $=C /=' 2 F/$=CC=' 2 F&F 1' "FJ#Q$=' .1.' C' F<<=E1.' /=' 2 FEE#= 2' <F 1' F# /%E# I ="1' N# 2 F&F 1' F&=E' 1F"1' /=' E%"< F"E=' .2FK%$.' /=' E% I D1=' M /= I ' F&=E' 2=' EO=< /=' 2 1F1-' E% I 0 K ="' ' 3#&% C "' /#1' C%#<<$ $ /F&F"1FJ=' ="E%$=' /=' 2 .D$=#&=' N#=' C#K CCF 1' F2%$C C%"' I F2="E%"1$=#W+1$F0 &F 2S' F2J$.' 1F"1' /=' $=1%#EO=C F#WN#=22=C 2 2#' F&F 1' <F22#' E%"C="1 $-' 2=' E%"< /="1' /=' ! FD%2.%"' D#1' 2 $=' /F"C 2=C L=#W /=' 1%#C 2=C I = I K$=C /#' E%"E 2=' 2F' I Y I =' =WD$=CC %"' /=' C1#D.<FE1 %"' =1' /=' I .E%"1="1=0 I ="1' N# 2 F&F 1' /. M ="1$=&#=' EO=X' 2=C I = I K$=C /=' 2F' E% I I CC %"' /=' 2 F/$=CC=' $ I F C =22=' " .1F 1' D2#C I .0 2F"J.=' /=' $.C=$&=' "' /=' E$F "1=' D$QC #"' I % I ="1' /=' C 2="E=' FCC=X' 2%"J-' =1' N#' D=CF 1' .& /= I I ="1' M 1%#1' 2=' I %" /=-' #"' /=C D$.2F1C C=' 2=&F' K$#CN#= I ="1' í E .1F 1' 2 .&YN#=' /=' :.$ EO%-' ' /=' 3$%C1=-' C <<$FJF"1' /=' #"C1=$-' D=$C%""FJ=' FCC=X' D=# E%""#-' I Y I =' /=' C=C E%22QJ#=C-' I F C N#' C=' <1 ="' E=22=' %EEFC %"-' E% I I =' I F2J$.' 2# -' 2 "2=$D$Q1=' /=C C="1 I ="1C' /=' 1%#C' F"C D$.DF$F1 %"-' CF"C' DO$FC=C-' CF"C' FDD$Y1-' %"' 2 ="1=" / 1' /= I F" /=$ F&=E' I D.1#%C 1.' N#=' 2=' E%"E 2=' $.E2F I b1' F&F"1' 1%#1=C EO%C=C d 2F' 2 K=$1.' /#' DFD= 5' 4"' K$# 1' E%"<#C %a' /% I "F 1' 2 FDD$%KF1 %"' E%#&$ 1' F#CC 1c1' E=C

K$Q&=C DF$%2=C ' 2%$C- / #"= &% W K=22= =1 <%$1=- F&=E E=1 .2F" /=2 b1"= =1 /# En#$ N# -F# / $= /= ' /= $%+ J2 =- /%" "F 1 M C=C DF$%2=C 2 FEE="1 / #"= I FJ" < N#= .2%N#="E=- 2 .&cN#= /= OF I K.$L- ' 3=CC=22=C- C= 2=&F M C%" 1%#$ ' d 4 N#% s I =CC= J"=#$C-C .E$ F+1+ 2- 2 " =C1 DFC N#=C1 %" /=2M 2 K=$1.' /# DFD= /F"C 2 F/$=CC= N# %" & ="1 /= 2 %"C 2 $=s 8#= <F C%"C+"%#C /%"E E - .&YN#=C EF1O%2 N#=C $.#" C /F"C #" E%"E 2= CF"C D%#0 &% $ I c I = E% I I #" N#=$ F&=E "%1$= EO=<g 2 <F#1-%# - 2 <F#1 N#= "%#C /= I F" / %"C M 2 = I D=$=#$ 2F 2 K=$1.' /# CF "1+DQ$=' =C1 "%1$= /$% 1- E =C1 F#CC ' "%1$= /=&% $' ! %#C 2= /=&%"C "%"+C=#2= I ="1 M "%#C+ I Y I =C- I F C "%#C 2= /=&%"C F#CC ' F#W < /Q2=C /= "%C / %EQC=C- N#= / C+ =g M 1%#C 2=C EF1O%2 N#=C /= 2 H#$%D= =1 /# I %" /= ="1 =$' ! O.C 1%"C DFC- F22%"C- 2 2= <F#1- F22%"C "%#C =2=$ 1%#C =" E%$DC F#W D =/C /= 2 = I D=$=#$ D%#$ %K0 1=" $ E=11= " / CD="CFK2= / .2 &$F"E= '5 8#=2 <#1 2 =<<=1 /= E=11= & J%#$=#C= FD%C1$%DO=- E=#W+2M C=#2C D=#0 &="1 2= C%#DP%" "=$ N#' %"1 .1.' D=$C%" "=22= I ="2 1.0 I % "C /= 2 FCE=" /F"1 $$.C C1 K2= N# =" D=# /= I "#1=C #" %$F1=#$ D=#1 E%"N#.$ $ C#$ 2 FCC= I K2.= M 2FN#=22= 2 C F/$=CC=- 2%$CN# 2 CF 1 /%" "=$ F#W C="1 I ="1C C=0 E$=1C N#' FJ 1="1 1%#C C=C I = I K$=C #"= <%$ I = & &=

' :D " 2 /= ' /= "$%D2 =- .&.N#= /= I /

+ ' ' ! ' ' ' 7 ' 7

=1' CF C CCF"1=' ="2O%#C FC I =' .1F 1' M C%'" E% I K2=-' =1' K ="1c1' 2 /=& "1' .& /="1' N#=' 2F' I %1 %'" /=' 2 .&YN#=' /=' OF I K.$L-' C' D$%<%" / . I ="1' CL I DF1O N#=' M 2 I I ="C=' I F %$ 1.' /=C' D$.2F1C-' "=' D%#&F 1' Y1$=' E% I KF11#=' ="" <FE=$' D=$C%" "=' "=' 2 =CCFLF

7%#$' / .1%#$"=$' N#=2N#=' D=#' 2 ="1$FZ"= I ="1' N#' I ="FPF 1' / = I D%$1=$' 2=' &%1=' /=' 1%#C' C=C' E%22QJ#=C-' 2 F$EO=&YN#=' "% I I .' /=' F2 "=C-' ="" 1FE1 E ="" OFK 2=' N# 2 .1F 1-' C =<<%$PF' /=' C%#2=&=$' F#' C= "" /#' E%"E 2=' #"=' N#=C1 %'" /=' / J" 1.-' =1' /=' <F $=' FDD=2 M 2F' C#CE=D1 K 2 1.' /=C' D$.2F1C' F11FEOF"1' F#W /=$" =$C' I %1C' N#' &="F ="1' / Y1$=' D$%"%"E.C' DF$' 3=CC%22=C-' 2 %K =E1F' N# 2 "=' D%#&F 1' E%"&=" $' M #"" E%"E 2=' / F22=$' C=' =1=$' F#W D =/C' / #'" D$ "E=-' N#=2 N# 2 <]1' =21=' / &=$C %'" "=' 2#' $.#CC 1' J#Q$=' d %"C =#$-' $=DF$1 1' & &= I ="1' 2 .&YN#=' /=' OF I K.$L-' =' E%" "F C-' =' $=CD=E1=' =1' =' CF#$F' /.<=" /$=' F#1F"1' N#=' N#' N#=' E=' C% 1' 2F' / J" 1.' .D CE%DF2=$' I F C-' E$%L=X+ I % -' /=C' .&YN#=C' D=#&="1' 1$QC+K ="" C=' =1=$' F#W D =/C' /=' 2=#$' C%#&=$F "" 1= I D%$=2' D%#$' %K1=" $' 2F' 2 K=$1.' /=' 2=#$' EO=< CD $ 1#=2-' =1' " =C2+E=' /%"E' DFC' 2=' EFC' /F"C' #"=' EF#C=' F#CC' J$F" /=' /=' C# &$=' 2=C' E%"C= 2C' /=' 2 FDc1$=' N#' "%#C' / 1' Í Q R' /' ' + ' '' /' ! ' *' + ' D R' $ R' + ! R^' 5 7# C' C F" I F"1' /=' D2#C' ="" D2#C' Í d % I I ="1-' C .E$ F+1+ 2-' 2=' EOFD 1$=' /=' 7F$ C

F' K ='" D# /= I F" /=$' 2F-J$bE=' /=' ' / C $%C-' 2 #'" /='
C=C' I = I K$=C-' ='Z "%#P' " F#$ %"C' DFC-' "%#C-' 2=' E%#$FJ='
/=' /= I F" /=$' 2F' 2 K=$1.' /# DFD=' Š 1' D%#$N#% ' 2 = I 0
D=$=#$' C ='" $$ -(=$F 1+ 2g' =CC= J"=#$C-' 2F' 3 & " 1.' =22=+'
I Y I =' E%"C="1' M' Y1$=' C%22 E 1.=-' D%#$C# & =-' I D%$0
1#" .=' DF$' "%C' D$ Q$=CS' 2=C' C%#&=$F "C' C%"1' 2 I FJ=' /='
3 =# C#$' 2F' 1=$$=S' /=' N#=Z' /$% 1' C=' D2F " /$F ="1+ 2C-' C'
"%#C' ="' FJ CC%"C' F&=E' =#W' E% I I =' F&=E' 2=' I FZ1$=' /#
E =2g ' =C' DF$%2=C-' D$%"%"E.=C' F&=E' #"=' < =$1.' 1%#1='
D%"1 < EF2=' =1' #"' FEE="1' /.EO $F"1-' ="2=&Q$="1' 2 FC0
C= I K2.=' D$=CN#=' ="1 Q$=' =C' D$.2F1C' F I C' /=' 2F' E%#$'
.1F ="1' E%"C1=$".C-' =1' 2 #"' / =#W-' C=' 1%#$"F"1' &=$C'
C%"' &% C "-' 2#' I #$ I #$F' / #"=' &% W' KFCC=' M' 2 %$= 22=i'
d G%#C' L' &% 2M-' E% I I =' =' 2 F&F C-' O.2FC' Š C' K ="'
D $. & # 5' =C' 7Q$=C' /# E%"E 2=-' ="' =2 =1-' "=' C=' D%CC.0
/F ="1' D2#C' =' &."."$FK2=' ' / & F#-' F$EO=&YN#='
/=' %$/=F#W-' 2 F$EO=&YN#=' /=' #$ "' =1' 2 .&YN#=' /='
% CC%"C-' FDD# ="1' M' D2#C =#$C' $=D$ C=C' F&=E' K=F#0
E%#D' / "C C1F"E=' 2F' D$%D%C 1 %"' /=' 2=#$' E%22QJ#=' /='
OF I K.$L' =#2C-' 2=' EF$/ "F2' F#$L-' ' /=' 7$F/1' =1'
' / C I %" /-' F$EO=&YN#=' "% I I .' /=' 2%$="E=-' OF0
CF$/="1' N#=2N#=C' %K =E1 %"C-' ="' $=D$.C="1F"1' N#=' 2F'
2 K=$1.' /# CF "1+DQ$=' =1' 1%#1' E=' N#' 2=' E%"E=$"F 1' "=

)' :%#$"F2' /=' ' /=' $"J2 =-' .&%N#=' /=' (ZF#/

C]$= I ="1' F#W' # 2=$ =C' 2F' / . I F$EO=' D$% =1. =' =C'
J=C2=C' / .C=CD.$.C' /= ' J%1' /=' 7$. F I ="=#' =1' C=C' D$%0
D$=C' C%#&=" $C' "=' 2#' D=$ I =21F ="1' DFC' / %#K2 =$' N#='
2 = I D=$=#$' "=' 2#' F&F 1' $ ="' 1F"1' $=E% I I F" / .' N#=' /='
&= 22=$' $ J%#$=#C= I ="1' M' E=' N#=' 2=' E%"E 2=' "=' C=' $ C0
N#b1' F I F C' M D$="/$=' F#E#"=' " 1 F1 &=-' =1' C#$1%#1'
M' C F/$=CC=$' K$#CN#= I ="1' M' 2#' DF$2F' &% =' /=C' I %0
1 %"C' / %$/$=' ' =' /F"J=$' .1F 1' I I "="1$' 5 2' "=' &%#0
2F 1' D=$/$=' 1%#1' E$./ 1' F#D$QC' /=' C%"' "=&=#-' E .1F 1' M'
2#' /=' 2=' E%" #$=$' 72#C' OFK 2=' N# 2' "=' 2 F&F 1' .1.' ="'
/ F#1$=C' E $E%"C1F"E=C-' 2=' EF$/ "F2' =CEO' E% I I ="PF'
DF$' / .E2F$=$' D$#/= I I ="1' N#=' 2F' D$%D%C 1 %"' . I F".=
/=' $.&.N#.' /=' :.$ EO%-' =1' C' / J"= I ="1' C%#1="#=' DF$'
2=C' .&YN#=C' /=' OF I K.$L-' /=' % CC%"C-' /=' #"'"' =1'
/=' %$/=F#W-' .1F 1' F#' <%"/' /# En#$' /=' 1%#C' 2=C' I = I 0
K$=C' /=' 2 FCC= I K2.=-' =1' $.D%"/F 1' DF$<F 1= I ="1' M' C=C'
D$%D$=C' C="1 I ="1C' ' 2=' E%"E 2=' "=' /=&F 1' /#$=$' N#='
D=#' /=' %#$C-' %"' D%#$$F 1' CF"C' /%#1=' OFCF$/=$' #"='
C= I K2FK2=' /. I F$EO=$' 1%#1=<% C-' ="' 2F' <F CF"1-' %"' C =W0
D%C=$F 1' E=$1F "= I ="1' M' =WE 1=$' 2F' 1$QC+J$F"/=' I F#0
&F C=' O# I =#$' /# EO=<' /=' 2 1F1' 7=#1+Y1$=' F#CC'
C=$F 1+ 2' $.D%"/# N#=' 2=' DFD=' " .1F 1' "#2= I ="1' D$ 0
C%"" =$-' =1' N# 2' D%#&F 1' C%$1 $' /=' F&% =' D%#$' F22=$'
F 22=#$C' =' &$F' I % I ="1' /=' C =WD$ I =$' E% I I =' 2'
E%"&="F 1' C#$' E=' C# =1' "=' & ="/$F 1+ 2' DFC' F&=E' "< " +

&F 2 C= / CC I #2=$ E% I K =" 2 .2F 2/% M I F2 "%1. M 2F E%#$ I D.$ F2=-+ " F&F 1 D$ C "#22= DF$1 M E=21= / CE#C0 C %")) C .1F 1 I D%C. 2F $QJ2= /= "=C= I =22$= F I F C =" F&F"1 /F"C 2=C E%"J$.JF1 %"C J." .$F2=C- M I % "C N#= 2=C E $E%"C1F"E=C 2 =W J=FCC="1 I D.$ =#C= I ="1- =1 N#F" / D=$C%""= "= C= D$.C="1=$F 1 .1F 1 CF D="C.= E%"C1F"1= /= " FDDF$FZ1$= N# =" C=E%" /= 2 J"= =C1 D%#$N#% - FD$QC F&% $ /F"C 2F E% I I CC %" DF$0 1 E#2 Q$= "& 1. 2= D$= I =$ C=C E%22QJ#=C M $.E2F I =$ OF#1= I ="1 2F / .2 &$F"E= /# CF "1+DQ$=- 2 C .1F 1 "0 1=$/ 1 / FDD#L=$ D=$C%""=22= I ="1 E=11= I %1 %" N#F" / =22= F&F 1 .1. D%$1.= /=&F"1 2= E%"E 2=- C .1F"1 E%"0 1="1. / .EOF#<<=$ C%#C I F "- F&F"1 2 %#&=$1#$= /= 2F

+I 9 5 5 ?J 5 :5 &67+ + 6 JK75+L & +&5 :7 I+7 &9& :I & :5 +5+ 5 6 &+ ; 9 +7 457 6 +6 I 49 (+5 & 6 9 + K ++I5 9 4 6 J+ M5 N9 5 47& +(5 ; 48 O5 :5 9 5 5 ; 9 <75 67& N9+ +6 M6 + 5 9 : 9 4 9 P <7(94 J+ &67& 9 I %1 %" + (I&9 & <7(9E67 I5 Q +5 I+5 M9 & +9 + :67&5 :5 9 54 5 : 5 7 E67 467 +6 4 64 5 6 ; 4&5

8#F" / %" =#1 /.E /. /= E%"1 "#=$ 2F / CE#CC %" /# D$ =1 / F/$=CC=- %" C FD=$P#1 N# #" /= E=C O$#C+

) =2F1 %" I F"#CE$ 1= /# E%"E 2= "F2 % "Z 1$%#&.= /F"C 2=C DF0 D =$C /= / = $%=2 =- .& v#= /= F"/

N#=C $=& $= I = 2C / %D " %"5 <$.N#= I I ="1 $= I F$N#.C /F"C 1%#1=C 2=C $.#" %"C /.2 K.$F"1=C- E /%"1 2=C 7Q$=C /# E%"E 2= /=&F ="1 D2#C / #"= <% C /%""=$ =#W+ I Y I =C 2= CD=E1FE2=- &="F 1 /= C %D.$=$ F# C= "5 /= 2 FCC= I K2.= =C D$.2F1C F22F ="1 I F "2="F"1 C. I %"1$=$ / F#1F"1 I % "C / CD%C.C M C#K $ $ " #="E= / $=E1= /# EO=< /= 2 1F1 N# 2C &="F ="1 /= <F $= D$=#&= M C%"5 .JF$/ / #"= E% I D2F CF"E= N# 2=#$ F&F 1 D2#C E%]1. =C 1F2 ="C- N# " F&F ="1 D=#1+Y1$= DFC 1$QC+K ="5 CF C 2= C="C /= E= N# &="F 1 /= C= DFCC=$- E% I I ="EQ$="1 2 F11FN#= ="5 $.E2F I F"1 K=F#E%#D /= E2 F"J= I ="1C- / F 22=#$C FCC=X "C J" < F"1C- F# D$% =1 (2= 2 .&YN#= /= ! F"1=C 5 /= $%J2 =- &%LF"1 2F / C0 E#CC %"5 C.$ =#C= I ="1 ="JFJ.=- /= I F"/F N# %"5 "C.0 $F 5 /F"C 2 F/$=CC= 2= D$.F I K#2= /= 2F / .E2F$F1 %"5 /# E2=$J.5 ="5) * 5 .1F 1- C 5 "%#C "= "%#C 1$% I 0 D%"C- 2= DFCCFJ= "FJ#Q$= E 1.5 DF$ 2 FKK.5 I E$L5 ="5 D$.C="E= /= 2 = I D=$=#$ /F"C 2F C%2="""=22= C.F"E= /# E%"C= 2 / 1D2%a 2 F&F 1 .1.5 FDD=2.5 D=# /= 1= I DC F&F"1 CF I %$1 5 = D$.F I K#2= /= 2F / .E2F$F1 %"5 E%"1 ="1- ="5 =<<=1- 2 F<< $ I F1 %"5 2F D2#C D%C 1 &= /=C /$% 1C =1 /=C D$ & 2QJ=C /# CF "2+C .J=5 .&YN#= /= F"/ .1F 1 C#C0 D=E1 / %DD%C 1 %"- =1 C%"5 F& C "= <#1 D% "1 C%#1="#5 7=# /= 1= I DC FD$QC- 2 .&YN#= / "J=$C- 5 %"+ 1F /2- $=D$ 1 2F I Y I = I %1 %"5 F&=E D2#C /= C#EEQC-

I F C CF"C %K1=" $ ="E%$= E= N# 2 /= I F"/F 1 "< 2 F$EO=&YN#= "% I 1". /= 2%$="E=- / C I %"/- /.0 &=2%DDF /%#E= I ="1- ="1=$ I =C .JF2= I ="1 $=CD=E1#=#W D%#$ 2= D%#&% $ E & 2 =1 D%#$ 2= CF "1+C QJ=- #"= 1OQC= M D=# D$QC /="1 N#= = D$.2F1 "= D%#&F 1- 2# - Y1$= FEE#C. / F#E#"= F$$ Q$=+D="C.= = N# 2 D$%D%CF 1 / = I D$#"1=$ F# D$.F I K#2= /= 2F /.E2F$F1 %"" /=) * DF$#1 E%"&=" $ C K ="" F#W- E $E%"C1F"E=C N#= 2= E%"0 E 2= /.E /F I I./ F1= I ="1 /= 2 "C.$=$ /F"C2 F/$=CC=- D2#C =#$C D% "1C /= E=11= I Y I = /.E2F$F1 %"" E 1.C DF$ 3#&% C "" $=#E%"2$Q$="2 K=F#E%#D /= / << E#21.C .&YN#= /= !F"1=C- 1%# %#$C C#$ 2F K$QEO=- <1 /= C%"" I =#W D%#$ DF$=$ F#W %K =E1 %"C M <%$E= /% E%$$=E1 <C- I F C 2= D2#C C%#&="1 CF"C L $.#CC $ 8#F"/ & "1 2= DFFJFDO= /= 2 F/$=CC= N# DF$2F 1 /= 2F K#22= / =WE% I I #" EF1 %"- 2 %$FJ= C%#2=&./% I "F 1%#C 2=C =<<%$1C /= 2 OFK 2= E%"< /="1 /= !FD%2.%"- =1 2# + I ." $ E% I D$ 1 N# 2 "= D%#$$F 1 F I F C $.#CC $ M 2= <F $= DFCC=$ 3. M- /F"C 2= C= "" /=- 2F E% I I CC %"" DF$1 E#0 2 Q$=- N#=2N#=C+#"C /= C=C E%22QJ#=C 2# F&F ="1 $=D$.0 C="1. M N#=2 D% "1 2 .1F 1 I D$#/="1 /= $.&= 22=$ #"= N#=C1 %"" FCC%#D =- =1 E% I K ="" 2 FJ 1F1 %"" D%2 1 #= N#= E= $.&= 2 EF#C=$F 1 /F"C 2 =C " 2 /=C EF1O%2 N#=C- C#$0 1%#1 /= 2 F#1$= Ec1. /=C I %"1C- C=$F 1 E%"1$F $= F#W "1.$Y1C /= 2 = I D=$=#$ 7%#$ .EF$1=$ 2=#$C %2 ==1 %"C

\ ' e9 ' ! ' ' ' 7 ' 7

2 .&cN =' /=' ! F"1=C' F&F 1' /a' /%""=$' M' ="1=" /$=' N#=' 1=2' .1F 1' K ="' .JF2= I ="1' C%"' F& C-' I F C' N# 2' " F&F 1' DFC' / .D=" /# /=' 2#' /N' JF$/=$' 2=' C 2="E=' C#$' #"' C# =1' F#CC' / .2 EF1' = I D=$=#$' F&F 1' =W J.' N# 2' =# DF$2b1' C' =" D$.C="E=' /# E%"E 2=' ="1 =$' =1' <$FDD.' /=' 2F' <%$0 I /FK2=' %DD%C 1 %"' N# 2' &%LF 1' C=' /$=CC=$' /=&F"1' 2# -' ' 3#&% C '' D=$/ 1' E%#$FJ=-' =1-' FD$QC' #"' D=# / O.0 C 1F1 %"-' %<<$ 1' /=' C#DD$ I =$' 2=' I F2="E%"1$=#W DF$F0 J$FDO=' =' <#1' #"' C%#2FJ= I ="1' #" &=$C=2

:#C1= I ="1' DF$E=' N# 2' &="F 1' /=' E./=$' C#$' #"' D% "1' F#CC' I D%$2F" -' E=' N#' $ CN#F 1' /=' I .E%"1="1=$' K=F#0 E%#D' C%"' I FZ1$=-' 2 .&YN#=' /=' ! F"1=C' 1="F 1' / F#1F"1' D2#C' M' <F $=' FEE=D1=$' D2#C =#$C' F#1$=C' D$%D%C 1 %"C' N# 2' F&F 1' .JF2= I ="1' / ./# 1=C' /# 1$% C Q I =' F$1 E2=' /=' 2F' /.E2F$F1 %"' /=') * ' F' D$= I Q$=' .1F 1' E=22=+E' $ 2' ="/' #"=' J2 C=' C# 1' #"=' / CE D2 "=FDD$%#&.=DF$' 2=' CF "1+C QJ=-' #"' DFD=' "=' D=#1' EOF"J=$' "' $.&%N#=$' E=' N# %"1' FEE%$/.' C=C' D$./.E=CC=#$C' 5' =' EF$/ "F2' D "F-' F&=E' K=F#E%#D' /=' EF2 I =-' I % C' F#CC' /=' D$.0 E C %"' =1' /=' & J#=#$-' C=' I 1' M' E% I KF11$=' E=21=' /%E0 1$ "=' 7%#$' /. I %"1$=$' N#=' 2 FCC=$1 %"' .1F 1' <F#CC=-' %#' /# I % "C' " .1F 1' D2#C' FDD2 EFK2=-' 2' C FDD#LF' C#$' E=' N#' C .1F 1' DFCC.' 1%#1' $.E= I I ="1' =" $F"E=-' /=' 2 F&=#' =1' C#$' 2F' /= I F"/=' /=' ! FD%2.%"' 2# + I Y I =' d' =' /=$" =$' E%"E%$/F1' C J".' M' 7F$ C' " F&F 1+ 2' DFC' "%"+

H ! ' H 2 ; ' \)

CE#2= I E"2 / .1$# 2 2F / CE D2 -J-= /= 2 F"E ="'"= J2 C= JF22 EF"=- I F C K%#2=&=$C.' /# I Y I = E%#D 1%#1 2 %$/$= =EE2.C FC1 N#= N#' =W C1F 1 F&F"1 2F .&%2#1 %"g 5 2 .1F 1 / << E 2= N#= E=22= F$J#" ="2F1 %" "= <]1 DFC F/+ + I C= DF$ #"= FCC= I K2.= /= D$.2F1C /%"1 N#=2N#=C+ #"C %EE#DF ="1 /=C C QJ=C N#= 2=C F"E ="C 1 1#2F $=C $.E2F I F ="1 E% I I = 2=#$ FDDF$1="F"1 ="E%$= ="' &=$1# /=C F"E ="C EF"%"C /= 2 J2 C=' "C' D$ C F# /.<F#1 /= 2F E# $FCC=- ' 3#&% C '" /#1 C= $=" /$= %# M D=#' D$QC- =1 2F D$%D%C 1 %" D$ I 1 &= <#1 I %/ < .= ="' E=C 1=$ I =C1 d 4"' DFD= "= D=#1 $.&%N#=$' E= N# %"1 FEE%$/.' C=C D$./.E=CC=#$C-' C "%" /F"C 2=C E $E%"C1F"E=C =W1$F%$/ 0 "F $=C =1 N#F" /' 2=C K=C% "C /= 2 J2 C= 2= /= I F" /="1 5 ;="F 1 ="C# 1= [= C=E%" /= D$%D%C 1 %"- /./# 1=- E=22=+2M- /# D$= I =$ F$1 E2= /= 2F I Y I = /.E2F$F1 %" /=) * - =1 N#= ' 3#&% C ' F&F 1 $./ J.= /= 2F <FP%" C# &F"1= I d %#1= E="C#$= /= 2 J2 C= %# /= C=C I 0 " C1$=C D$%"%"E.= D%#$ F<<F $=C 1= I D%$=22=C =C1- ') ' "#22= =1 /= "#2 =<<=1' 5 ' 2 F#/ 1 %" /= E= DF+ 2FJ$FD2 =- #" J$F"/' "% I K$= /= I = I K$=C /# E%"E 2=- =1 C#$1%#1 2=C D$.2F1C 1F2 ="C- 1. I % J"Q$="1 #"= C#$0 D$ C= "/ J".= # / $= /= ' /= $%J2 =- $ =" " =]1 .1.' D2#C <FE 2= N#= /= I %"1$=$ DF$ /=C $F C%""= I ="1C CF"C $. 2 N#= 2F <F#CC=1.' /= E=22= F22.JF2 %"$ I F C- <F#1= /= 2=" v C- 2=C D$.2F1C %DD%CF"1C D$.<.Q="1 C ="

\ ' 4 ' ! ' ' ' 7 ' 7

1=" $ M 2F &% = / = 2 F#1%$ 1 .- E =C1+M+/ $= /%""=$ C I 0
D2= I ="1 E%""F CCF"E= F#W 7Q$=C /# E%"E 2= /=C /.0
E C %"C D$ C=C ="' C="C E%"1$F $= DF$ 2 J2 C= $.#" = ="'
E%$DC =1 D$.C /.= DF$ C%"' EO=< CD $ 1#=2 ' 3. M 2 F$EO=0
&YN#= / = F&=""= /%""F 1 M 2 $= M C=C &% C "C 2= /.0
E$=1 /# E%"E 2= / = $="1=- N#= 2 %"' D%#&F 1 $F C%"0
"FK2= I ="1 %DD%C=$ M 2 %D " %"' / = ' 2 .&YN#= / =
! F"1=CS /. M E=2# +E ' C= D$="F 1 M / $= İ đ Os C ' 2=
E%"E 2= / = $="1= DF$2= F "C -5 N#F"/ 2= EF$/ "F
F#$L C= 2=&F 1%#1 M E%#D F&=E 2 "1="1 %"' .& /="1=
/= D$%"%"E=$ #"' J$F"/ / CE%#$C ' F $.D#1F1 %"' / =
E=1 F"E ="' I = I K$= / = 2 CC= I K2.= E%"C2 2#F"2=-
N#% N#= /. M #"' D=# / I "#.= F#D$QC / = C=C E%20
2QJ#=C- .1F 1 ="E%$= E%"C /.$FK2= ' ' .E%#2F 1 F&=E
K=F#E%#D / = E#$ %C 1.' C%"' =W%$/= FCC=X = I KF$$FCC.'
=1 CEC / C1 "E1 %"C #"' D=# C#K1 2=C C#$ 2F / <<.$="E= /=C
1= I DC =1 C#$ 2F D%$1.= N# 2 E%"& ="1 / = /%""=$ M /=C
C="1="E=C /%J I F1 N#=C C#CE=D2 O2=C D=#1+Y1$= / = $=E=+
&% $C# &F"1 2=C E $E%"C1F"E=C /=C "1=$D$.1F1 %"C 1$QC+
/ <<.$="1=C- 2%$CN#= 2 .&YN#= / = F"/ 2 F$$Y1F E%#$1 ="'
2# ' / CF"1 İ đ %"C= J"=#$- &%#C <F 1=C #"' E% I I ="0
1F $= ' !=C=$F 1+ 2 DFC D2#C %DD%$1#"' N#=&%#C 2 C =X 1%#1
C I D2= I ="1 2= 1=W1= /# /.E$=1 /# E%"E 2= / = $="1= g5

) ' :%#$"F2 / = ' / = $%J4=- .& N#= / = F":

% 1 N#= 2= 1=W1= =" N#=C1 %" "= 2# <]1 DFC C#<< 0 CF I I ="1 <F&%$FK2=- C% 1 D2#1c1 N# 2 FK 2#. /= 2%"J#= /F1= M 2 $= C#$ 2=C & CFJ=C 2= C="1 I ="1 /= E=#W F#W0 N#=2C 2 C F/$=CCF 1- 2= & =#W 2#11=#$ N# F/ C F&F 1 K$F&. 1F"1 /= K$#LF"1C %$FJ=C F< " /= /.<="/$= 2=C /$% 1C /= 2 J2 C= 1$%#&b1 E= %#$+2M #"= "C#$ I %"0 1FK2= / << E#21. M 2#11=$ E%"1$= 2F I #=11= "/ J"F1 %" /= C=C E%22QJ#=C- %" 2= & 1 C= $FCC=% $ C%#/F " D%#$ C= $="<=$ I =$- /F"C #" E% I D2=1 C 2="E= 7 2#C E%#$F0 J=#W N#= 2= EF$/ "F F#$L- 3#&% C " C .&=$1#F ="E%$= M /%""=$ F# /.E$=1 . I F". /# E%"E 2= /= $="1= #" C="C N#= 2F I F %$ 1. DF$F CCF 1 $.C%2#= M "= DFC 2# $=E%""FZ1$= %" "C#EEQC <#1 DF$= 2 = 1 1#2F $= /# C QJ= /= 22F /.2 F 7 =&=- 2= C=#2 /=C D$.2F1C $% I F "C N# F 1 FCC C1. /=C I %"1C D%#$ #" 1O.%2%0 J =" E%"C% I I .- E% I I =$PF #" 1$% C Q I = / CE%#$C D%#$ C%#1=" $ 2F I c I = /%E1$ "= 2 "=D#1 I c I = DFC 2 FEK=&=$- =1 C "1=$$% I D 1 1%#1 M E%#D N#F"/ 2 ="0 1="/ 1 C=C E% I DF1$ %1=C- 2= EF$/ "F2 D "F =1 2 .&YN#= /= % I =- 2# E$ =$ /= 2=#$ D2FE= N#= C=C D$%D$=C %#0 &$FJ=C .1F ="1 E%"1$F $=C M 2 %D " %" N# 2 /.<="/F 1 =" E= I % I ="1 =C /.KF1C /=&="F ="1 /= D2#C =" D2#C $$ 1F"1C- 2F E%"<#C %" F22F 1 I Y I = C L I =11$=- EF$ %# $=1% I KF 1 <%$E. I ="1 /F"C 2=C N#=C1 %"C /= /%E1$ "=

)' ' ! ' ' ' 7 ' 7

I ="1' ! FD%2.%"-' D%#$' /= I F"/=$' 2F' 2 K=$1.' /=' C%"' EO=<R' 5

:#CN# M' N#=2' D% "1' 2 F""%"E=' /=' E=C' / CD%C 1 %"C' /#' C%#&=$F "-' $=2F1 &= I ="1' D2#C' E%"E 2 F"1=C' N# %"' "=' C ="' .1F 1' <2F11.-' FJ $="1+=22=C' C#$' 2=C' I = I K$=C' /=' 2F' D =#C=' FCC= I K2.=-' "%#C' "=' CF#$ %"C' 2=' / $=' K ="' D$.0 E C. I ="1' 2' C= I K2=' N# =22=C' /%""Q$="1' #"' D=#' D2#C' /=' E%"< F"E=' F#W' .&YN#=C' <%$ I F"1' E=' N# %"' FDD=2F 1' F2%$C' 2=' DF$1' /=' 2 %DD%C 1 %"-' N#% N#=' E=11=' N#F2 < EF0 1 %"' "=' <]1-' M&$F / $=-' #C1 < .=' "' DF$' 2=C' E $E%"C1F"E=C' /#' 1= I DC-' "' DF$' 2=C' &.$ 1FK2=C' C="1 I ="1C' /=' E=#W' F#WN#=2C' =22=' .1F 1' " #C1= I ="1' FDD2 N#.=' =' "=' <#1' I Y I =' DFC' /#' C= "' /#' J$%#D=' /=C' D$.2F1C' <$F"PF C-' N#' /F"C' 2F' /=$" Q$=' C.F"E=' F&F ="1' 2=' D2#C' & &= I ="1' E$ 0 1 N#.' 2=' D$% =1' /=' ' 3#&% C "-' N#=' DF$1 $="1' 2=C' D$=+

)' #+ ' 5 ' %$ ' /=' ' :F#<<$=1-' 1' -' D' , , ' 6' ! %#C' E$%L%"C' N#=' 2 = I D=$=#$' .1F 1' DF$<F 1= I ="1' C "EQ$=' /F"C' E=1' O% I I FJ=' $="/#' M' 2 .&QN#=' /=' OF I K.$L' 72#C' 1F$/' 2' F&F 1' E=CC.' /=' 2 Y1$=-' 2%$CN#=-' /F"C' 2=C' E%"&=$CF1 %"C' 1="#=C' =1' 2=C' "%1=C' / E1.=C' M' F "1=+' .2Q"=-' 2' C =C1' E% I D2#' M' $.D.1=$' M' / &=$C=C' $=D$ C=C' N#=' 2=' E%"E 2=' C=' C=$F 1' O%"%$.' M' C=C' L=#W' C 2' F&F 1' %C.' 2#' /= I F"/=$' D#K2 N#= I ="1' 2F' /.2 &$F"E=' /=' 7 =' ; ' "C' N#=' "%#C' 2 F&%"C' E%"C1F1.' DF$' 2=C' "C1$#E1 %"C' .E$ 1=C' /%"".=C' M' C%"' I " C1$=' /=C' E#21=C-' 2' &F 1D$ C' 1%#1=C' 2=C' D$.EF#1 %"C' D%#$' N#=' E=2F' <]1' I D%CC K2=-' =1' E .1F 1' DF$' 2 %$/$=' D%C 1 <' /=' ! FD%2.%"' N#=-' K ="' I F2J$.' 2#' =1' E%"1$=' C%"' D$%D$=' C="1 I ="1-' 2=' EF$/ "F2' =CEO' F&F 1' /a' <F $=' 1%#1' E=' N#' /.D="/F 1' /=')#' D%#$' = I DYEO=$' E=11=' /. I F$EO=

I Q$=C' F22FN#=C' =11=' <% C=' M' 2F' C#D C=' J." .$F2=-' 2=C' .&YN#=C' 1F2 ="C' %#&$ $="1' 2=' <=#' 2C' "% &="F ="1' <F $=' M' F#E#"' /=J$.' FE1=' /=' DF$1 -' EF$' 2C' .1F ="1'2F' D2#0 DF$1' DF$1 CF"C' 1$QC+X.2.C' /#' J%#&=$"= I ="1' $ I F C' %"' F&F 1' 1F"1' DF$2.' /=&F"1' =#W' /=' 2 J2 C=' JF22 EF"=-' /=' C=C' I FW I =C=1' /=C' <F I =#C=C' /.E2F$F1 %"C' /=') * -N# 2C' C .1F ="1' E$#C' %K2 J.C' /=' &=" $' =WD%C=$-' M' 2=#$' 1%#$-' N#=22=C' .1F ="1-' C#$' 2=C' N#=C1 %"C' 1$F 1.=C-' 2=C' /%E1$ "=C' DF$1 E#2 Q$=C' M' $ J2 CE' 1F2 ="'=' ' ! F&F-' .&YN#=' /=' $=CE F-' E% I I ="PF' DF$' 2 $=-' F#' "% I ' / #"' J$F"/' "% I K$=' /=' C=C' E%22QJ#=C' / %#1$=+ I %"1C-' #"' I . I % $=' 2%"J#= I ="1' $F C%"".' E%"1$=' 2 F/ I CC %"' /=C' N#F1$=' F$1 E2=C' =1' E%"1$=' 2=C' E%"C.N#="E=C' N#=' ' 3#&% C '" D$.1="/F 1' ="' 1 $=$

)) C FDD2 N#F' C#$1%#1' M' D$%#&=$' N#=' 2F' D2#C' J$F"/=' DF$1 =' /% 2F' EF2K#2 E 1.' $= =1F 1 2=C' D$ "E D=C' /=' 2 C0 C= I K2.=' /=') * ' ' N#=' 2#' =1' C=C' E%22QJ#=C' /=' 21F2 =' F&F ="1' E%"1 "#=22= I ="1' .E$ 1-' ="C= J".' =1' C%#&="1' D$%1=C1.' E%"1$=' E=' N# %"' FDD=2F 1'2=C'2 K=$1.C' /=' 2 J2 C=' JF22 EF"=S' 2' 2=#$' .1F 1' DF$' E%"C.N#="1' I D%CC K2=' /=' C J"=$" "/ & /#=22= I ="1' #"=' F/$=CC=' N# E%"1 ="/$F 1' /=#W' /=C' F$1 E2=C' /=' 2F/ 1=' /.E2F$F1 %"' =1' /=C' D$%D%C 0 1 %"C' ="E%$=' D2#C' /F"J=$=#C=C' N# %"' &%#2F 1' 1 $=$' /=' E=C' /=#W' D$= I =$C' F$1 E2=C')) EO=$EOF' F#CC' M' /. I %"0 1$=$' N# 2' L' F&F 1' #"=' J$F&=' $$.J#2F$ 1.' =1' K=F#E%#D

2= EF$/ "F D "F =#1 FEO=&.' /= /%""=$ 2=E1#$= M C=C E%22QJ#=C /= 2F 1$F/#E1 %"" <$F"PF C= /# I . I % $= /= RJ ! F&F' = EF$/ "F F#$L- 1$QC+C="C K2= F# E%#D N#' &="F 1 / Y1$= D%$1.' M C=C 1OQC=C <F&%$ 1=C- C= D2F 0 J" 1 & &= I ="1 N# %"" =]1 %C.- /F"C #"" E%"E 2= E% I D%C.' ="" C' J$F"/' "% I K$= /= D$.2F1C <$F"PF C- KF11$= /=C I F "C ="" ="1=" /F"1 C%#1=" $ /=C /%E1$ "=C N#' .1F ="1 2F " .JF1 %"" FKC%2#= /= 1%#1=C 2=C 1$F/ 1 %"C /= 2 J2 C= JF22 EF"=' =2F .1F 1 &$F $ I F C 1=22= .1F 1 D$.C="1=0 I ="1 2 F" I F1 %"" /=C =CD$ 1C- N#= 2=C / <<.$="E=C F"0 1.$ =#$=C DF$F CCF ="1 I F "1="F"1 /= K ="" D=# /= &F2=#$ F#W I = I K$=C /= E=11= FCC= I K2.= N#' EO=$+ EOF ="1 M $F22 =$ /F"C #"" E% I I #"" =<<%$1 JF22 EF"C =1 #21$F I %"1F "C- D%#$ /.<="/$= 1%#C ="C= I K2=- "%"+ C=#2= I ="1 2 F#1%$ 1.' I ="FE.= /# CF "1+C QJ=- I F C 2F 2 K=$1.' =1 2F D=$C%""" = I Y I = /# EO=</= 2F EF1O%2 E 1.

C J"F /%"".' DF$ 2 .&.N#= /= $=CE F- 2F / CE#C0 C %"" F&F 1 $=D$ C /= D2#C K=22=' =C /.E$=1C /# E%"0 E 2= /= $="1= <#$="1 $= I C /= "%#&=F# C#$ 2= 2FD C ="" %DD%C 1 %"" F#W F$1 E2=C /% 2F /.E2F$F2 %"" /=) * ' %#1 F#CC 1c1 2F K#22= / =WE% I I #" EF1 %"" 2F"E.= DF$ 7 = U;2 E%"1$= 2 = I D=$=#$ <#1 M C%"" 1%#$ =1.= M 2F 1Y1= /=C %DD%C F"1C- EF$ E .1F 1 2= J$F"/' EO=&F /= KF0 1F 22= /=C D$.2F1C F I C /=2M E%#$' = EF$/ "F F#$L- /.C $=#W /= $=D$="/$= #"= $=&F"EO= .E2F1F"1= /= C%"

‘ ! ‘ ! ! ‘ *)

E=C‘ I %1C-‘ ‘ / & F#-‘ "8‘ C=‘ E%"1="F"1‘ D2#C‘ =1‘ C=‘
2=&F"1‘ M‘ /= I ‘ /=‘ C%"‘ C QJ=-‘ =1F‘ C#$‘ 2F‘ 1FK2=‘ /#‘ K#0
$=F#‘ %]‘ 2‘ C .J=F 1‘ E% I I =‘ C=E$.1F $=‘ /=‘ 2 FCC= I K2.=‘
#"‘ =W= I D2F $=‘ /#‘ E%"E 2=‘ /=‘ $="1=‘ %#&=$1‘ M‘ 2 F$1 E2=‘
N#‘ /%""=‘ F#W‘ DFD=C‘ 2=‘ /$% 1‘ / =WE% I I #" =$‘ 2=C‘ C%#0
&=$F "C-‘ /=‘ N#=2N#=‘ $F"J‘ N# 2C‘ C% ="1S‘ D# C‘ / #"‘
J=C1=‘ "/ J".-‘ F&=E‘ #"=‘ &% W‘ #C.=‘ DF$‘ 2 bJ=-‘ <F1 J#.=‘
DF$‘ 2 . I %1 %"-‘ I F C‘ & K$F"1=‘ ="E%$=‘ I F2J$.‘ CF‘ <F 0
K2=CC=-‘ 2‘ C .E$ F‘ S‘ d‘ O‘ K ="s‘ #J=X‘ 2=‘ DFD=‘ C‘ &%#C‘
2 %C=X‘ =1‘ E%"/F I "=X‘ 2 J2 C=‘ C‘ &%#C‘ D%#&=XRs‘ 5 . I %0
1 %"‘ F&F 1‘ JFJ".‘ 1%#C‘ 2=C‘ I = I K$=C‘ /#‘ E%"E 2=‘ %2 =1‘
D$%/# 1‘ <#1‘ ."%$ I =‘ d‘ =11=‘ CEQ"=-‘ .E$ &F 1‘ D2#C‘ 2F$/‘
2 FKK.‘ /=‘ 7$F/1-‘ & &$F‘ .1=$"=22= I ="1‘ /F"C‘ I F‘ I .0
I % $=‘ m‘ 5

=‘ C%$1‘ /#‘ D$% =1‘ / F/$=CC=‘ .1F 1‘ /=‘ "%#&=F#‘ $= I C‘
1%#1‘ ="1 =$‘ ="‘ N#=C1 %"‘ 7$%< 1F"1‘ /=‘ 2 F&F"1FJ=‘ N#=‘
2=#$‘ /%""F 1‘ 2 .2%N#="1=‘ C%$2 =‘ /=‘ ‘ / & F#‘ -‘
2 .&YN#=‘ /=‘ % CC%"C‘ =1‘ N#=2N#=C+#"C‘ /=‘ C=C‘ E%22Q0
J#=C‘ =CCFLQ$="1‘ /=‘ <F $=‘ $=&=" $‘ 2 FCC= I K2.=‘ F#‘ &n#‘
=WD$ I .‘ DF$‘ 2 .&YN#=‘ /=‘ $=CE F‘ =1‘ DF$‘ N#=2N#=C‘
F#1$=C‘ D$.2F1C‘ /=‘ C=‘ K%$"=$-‘ C# &F"1‘ 2 #CFJ=-‘ M‘ /=C

)‘ J ‘ ‘ ‘ 7 E, $‘ 5 , %$ ‘UH‘ & $< ‘ DF$‘ 2 FKK ‘ L%"+‘
"=1-‘ 1‘ -‘ D‘ `B
‘ FKK.‘ /=‘ 7$F/2-‘) ‘ ‘ ‘ C $ ‘ ‘ ! ‘ ‘ 1‘ -‘ D‘ , B

"%"+C=#2= I ="1' ' /=' $%J2 =-' I F C' F#CC' 2=C' .&.N#EC' /=' $%L=C-' /=' %"1D=22 =$' ="1' 2=' D$.C /="1' /# E%"E 2=' 2# + I Y I =R' 8#F"/' & "1' 2=' I % I ="1' /=' &%2=$' 1=22=' N# =22=' .1F 1' C%$1 =' /=C' /.2 K.$F1 %"C' /=' 2 FCC= I K2.=' E=11=' D QE=' /=&="#=' DFCCFK2= I ="1' "<%$ I =-' 2=' EF$0 / "F2' F#$L-' JFJ"F"1' /=' & 1=CC=' 2 .&YN#=' /=' F"/-' /= I F"/F' N# =22=' "=' <]1' C J".=' N#=' DF$' 2=' D$.C /="1' =1' 2=C' C=E$.1F $=C' F' I %1 %"-' / 1' ' /=' $%J2 =-' <#1' FEE=D1.=' F&=E' #"=' % =' #" &=$C=22=' %$C' M N#=2N#=C' D$.2F1C' E%#$FJ=#W' N#' $.E2F I Q$="1' CF"C' C#EEQC-' E=11=' .EKFDDF1% $=' E%"&="F 1' ="' =<<=1' M 1%#1' 2=' I %"/=' =1' C#$0 1%#1' D=#1+Y1$=' F#W' D$.2F1C' 2=C' D2#C' %DD%CF"1C-' EF$' =22=' "=' E% I D$% I =11F 1' D=$C%""=' =C1' F "C' N#=' 2 F/$=CC=' <#1' ="< '" F/%D1.=-' "%"" F#' CE$#1 "" C=E$=1' "' M 2F' I F0 %$ 1.' /=C' &% W-' I F C' DF$' FCC C' =1' 2=&.-' I %/=' /=' &%1=$' #CN# F2%$C' "%#W' /F"C' 2=C' F""F2=C' /=C' E%"E 2=C

8# F22F 1' / $=' 2 = I D=$=#$-' =1' E% I I ="1' $=E=&$F 1+ 2' E=11=' F/$=CC=' C' / 2<.$="1=' /=' E=22=' N# 2' F&F 1' =CD.$.' <F $=' FEE=D1=$' DF$' 2=' E%"E 2=g' =22=' .1F 1' D$%KFK2= I ="1' 2F' N#=C1 %"" N#=' C=' D%CF ="1' 2=C' #"C' F#W' F#1$=C-' "%"" CF"C' N#=2N#=' F"W .1.-' 2=C' 7Q$=C' /# E%"E 2=' N#F"/' 2C' N# 11Q$="1' 2F' CF22=' /=' 2 F$EO=&YEO.' %a' &="F 1' /=' C=' DFC0 C=$' E=11=' %$FJ=#C=' C.F"E=' 3QC' 2=' C% $' I Y I =' 2 = I D=$=#$

) ' :%#$"F2' /=' ' /=' $%J2 =-' .&YN#=' /=' F#/

@:S

F&F 1 .1. F&=$1 DF$ C= E%"< /="1 /= J$F&= I %/ < 0 EF1 %" N# F&F 1 /a C#K $ #" 1$F&F F#N#= " F&F 1 DF / . /F J". /= I =11$= 2F I F " % " I . E%"1="1= I ="1 <#1 1$QC+& < =1 /=& "1 K ="1c1 D#K2 E 3Q 2= 2=" /= I F "- * # "- . E$ & 1 F# I " C1$= /= E#21= D%#$ 2# / $= /= 2# <F $= E%" "FZ1$= =" / .1F 2 2= EOF"J= I ="1 <F 1 M 2 F/$=CC= N#= 2= E%"E 2= /=&F 1 2# D$. C="1=$- =1 C E=11= D QE= .1F 1 C J". = /= 1%#C 2= . &YN#=C = I Y I = %#$. $.#" CCF 1 M F "1+ 2%#/ /F"C #"= I Y I = E%"<.$="E= J%1- I " C1$= /= E#21=C- =1 3#&% C " " "= 2=#$ EFEOF D% "1 CF I F#&F C= O#0 I =#$ ((=C . &YN#=C C .1F ="1 K =" 1$% I D. C C 2C D="0 CF ="1 N# 2C F#$F ="1 2= /=$" =$ I %1 F&=E 2# 5 = 2=" /= I F " CF I =/ - B # "- 2 EOF$J=F =" =<<=1 2 #" /= C= I " C1$=C /= /. E2F$=$ F#W /. D#1. C /= 2F "F1 %" dN#= 2= E%"E%$/F1 " =W C1F 1 D2#C- =1 N#= 2=C . &YN#=C " .1F ="1 FCC= I K2. C N#= D%#$ F& C=$ F#W I %L="C /= D%#$&% $ F#W C QJ=C &FEF"1C =1 M E=#W N# & =" /$F ="1 M &FN#=$- E%"<%$ I . I ="1 M E= N# C= D$F1 N#F 1 C%#C OF$2= I FJ"=m 5 .1F 1 2M #" D$= I =$ C J"= /= E%0 2Q$= =1 E% I I = #"= C%$1= / F&=$1 CC= I ="1 /%" ". F#W

) =11$= /= 2 = I D=$=#$ M J%1 /= 7$. F I Z"=#- I " C1$= 2 %C E#21=C- * #) *)) (=11= 2=11$= # =C1 DFC "C. $. = /F"C 2F "=C+

! " # O[9 6

WD%C. /= 2F C 1#F1 %" /= 2 = I D $= /=)*))

D$.2F1C %DD%CF"1C -' F< '* N# 2C "=' C F&="1#$FCC="1' DFC M C%$1 $' /# E=$E2=' /F"C 2=N =2' 2 ="1=" /F 1-'2=C $="<=$0 I =$ ' =' " =C1' DFC 1%#1 ' =11=' F/$=CC=' N# 2 F&F 1' D$ C 2F' D= "=' / "CD $=$' / $=E1= I ="1' 2# + I Y I =-' 2 "=' &%#0 2F 1' D2#C ='* ="1=" /$=' DF$ =$ ' 2 "=' 2#' E%"&="F 1' I Y I =' DFC /=' $=E=&% $ F#' / I F"EO=' C# &F"1' 2=' E%"E 2=-' N#' /=&F 1' E=' %#$+2M' 2#' Y1$=' D$.C="1.' ='* E%$DC'))) L' F D2#C 2 2 ="1=" /F 1' "=' D% "1' D=$ I =22$=' N#=' E=' I Y I =' E%"E 2=' C=' $.#"Z1' D%#$' / CE#1=$ C% 1' 2=' I F"/= I ="1' /%"1' 2 .1F 1' ='* 1$F '* /=' C %EE#D=$-' C% 1' 1%#1' F#1$=' C# =1-' CF"C '* F&% $' D$.F2FK2= I ="1'$=P#' 2 F#1%$ CF1 %"-' N# 2 2#' <=$F 1' DFCC=$-' N#F"/' E=2F' 2#' E%"& ="/$F 1-' DF$' C%'* I " C1$=' /=C E#21=C ' =#$C / CE#CC %"C .1F ="1' F#CC' % C &=C N#=' /F"J=$=#C=C' 3%$."F&F"1' 2C "=' /=0 &F ="1' D2#C C%"J=$' N# M $.D%"/$=' M C%'* I =CCFJ=' M D$%D%C /=' 2 "C1 1#1 %'* EF"%" N#=-' =1' D%#$' E=2F' 2 /%"'"F 1' O# 1' %#$C =1' DFC D2#C' %#1=C E=C I =C#$=C 3' ' '<#$="1' D$ C=C M 2 "C1F"1' I c I =-' =1' 2=C c /$EC =WD./ .C ='* E%"C.N#="E=

=' CF I =/' B F# I F2 "-' DF$& "1' F#W .&YN#=C #'* K 22=1' CF"C /F1=' DF$' 2=N#=2' 2=' EF$/ "F2' =CEO' 2=C D$.0 &="F 1' N#=' 2F' D$.C="1F1 %'* /# E%"E 2=' M 2 = I D=$=#$' " F#$F 1' DFC 2 #' =D="/F"1' N#=2N#=C D$.2F1C "=' C=' $="/ $="1' DFC I % "C-' 2=' 2="/= I F '* / I F"EO=-' M 2F' I =CC=' I D.$ F2=' = I D=$=#$' F2 =E2F' /=' $=E=&% $

* ' 4 ' ! ' ' ' 7 ' 7

N#=2N#=C+#"C / ="2$= =#W F&=E K=F#E%#D /= /./F "-
E% I I = C 2 " F21FEOF 1 DFC 2F I % "/$= I D%$1F"E= M
E= N# 2C D%#&F ="1 / $= %# "= DFC / $=- <F $= %# "=
DFC <F $= $ 2 F<<=E1F /= 1$F 1=$ 2=C F#1$=C F&=E #"=
K ="&= 22F"E= .1#/ .= ' %$=22 - .&YN#= /= r I =-
N# ' % J"F 1 #"= J$F"/= C I D2 E 1.' M K=F#E%#D /=
E%#$FJ=- FLF"1 %C.' / $= N# 2 C=$F 1 E%"&="FK2= / ="0
&%L=$ #"= C=E%"/= /.D#1F1 %"' F# CF "1+DQ$=- =1
DF$2=$ F&=E . I %1 %"' /= C=C C%#<<$F"E=C î d #-
E =C1 #"' K%"' O% I I =- / 1 ".J2 J= I I ="1 !FD%2.%"'
6' = " =C1 DFC C=#2= I ="1 #"' K%"- I F C #"' CF "1
O% I I =- 5 $=D$ 1 2= D$.2F1' 72#C =#$C .&YN#=C 1F0
2 ="C C= D2F J" $="1 OF#1= I ="1 M 2#' N# %"' =]1 <F20
C <.' /F"C 2= ;!$ ' 2=C F/$=CC=C I D%C.=C- 2 L
F&F 1 N#=2N#=C I % C- F#W EOFD 1$=C /= 2=#$ DFLC'
=<<=1 N# 2 F&F 1 &%#2# ="' 1 $=$ .1F"1 D$%/# 1- 2 = I 0
D=$=#$ DF$#1 C= C%#E =$ FCC=X I./ %E$= I ="1 /= 2=#$C
D2F "1=C' D$QC 2F I =CC=- FD=$E=&F"1 /F"C #"' /=C
CF2%"C #"' J$%#D= / .&YN#=C /%"1 <F CF ="1 DF$1 = 2 F$0
EO=&YN#= /= #$ "' =1 E=2#' /= F""=C- N#'C ="1$=1=0
"F ="1 /=C F<<F $=C /# %#$- 2 C FDD$%EOF / =#W =1 2=#$
/ 1 î d: F' &%#2# <F $= /= &%#C /=C D$ "E=C /= 2 J2 C=-
E =C1 M &%#C /= &% $ C' &%#C " ="' C=$=Xm.C%$ I F C N#=
2=C K=/=F#W' = DFD= $=<#C= / =W.E#1=$ 2= E%"E%$/F1$
=O K ="S = "= &=#W D2#C /= E%"E%$/F1' 5 ' / C+

I %" /-' F$EO=&YN#=' "% I I .' /=' 2%$="E=-' N#' "=' C=' ($%#&F 1' DFC' K ="' 2% "' /=U2M-' C .2F"2' F&F"E.' $=CD=E0 1#=#C= I ="1-' 2#' / 1' í Ud $=-' ;% $=' F =C1.' "=' /.0 EO $=$F' DFC' /=' C=C' D$%D$=C' I F "C' 2F' D2#C' K=22=' DFJ=' /=' C%"' O C2% $=' 5 !FD%2.%"-' "C C1F"1-' C .E$ F' d N#=' 2=C' .&YN#=C' F&F ="1' FJ' E% I I=' /=C' 2bEO=C' 6' !%"-' $=-' / 1' ="E%$=' ' / C I %" /-' EF$' 2C' %"1' D$ C' 2=' DF$1' /#' D2#C' <F K2=' 5 =11=' $.D%"C=' DF$#1' $$ 1=$' 2 = I D=$=#$-' =1' <F CF"1' ="1=" /$=' M' C%"' "1=$2%E#1=#$' N#=' E=' " .1F <DFC' M' 2#' N# 2' C F/$=CCF 1-' 2' 2#' 1%#$"F' 2=' /%C' =' 2=" /= I F "' ' / C I %" /' $=E=&F 1' 2F' & C 1=' /=' K=F#E%#D' /=' C=C' E%22QJ#=C-' 2=C' #"C' E%"1="1C-' 2=C' F#1$=C' = F$%#EO.C' /#' 2F"JFJ=' N# 2' F&F 1' 1="#' M' 2 = I 0 D=$=#$' =' EF$/ "F2' =CEO' "=' 2#' / CC I #2F' D% "1' N# 2' 2#' C= I K2F 1' N# 2' .1F 1' D=#1+Y1$=' F22.' $%D' 2% "' d F' C=#2=' <F#1=-N#=' =' D# C' F&% $ E% I I C=-' $.D%" / 1' F&=E' FCC=X' / M+D$%D%C' ' / C I %" /-' E =C1' / F&% $ F$1 E#2.' E=' N#=' ;%1$=' I "="E=' F#$F 1' /]' / $=' 5

!FD%2.%"' CF&F 1' 1$QC+K ="' E=' N# 2' <F CF 1' N#F" /' 2' 2bEOF 1' / FJ $ F "C' <%$1= I ="1' C#$' 2=C' D$.2F1C-' N#=' E=C' K$#CN#=C' I F" Q$=C' F&F ="1' m2%#$ K#1' / "1 I /=$' "' =<<=1-' 2F' N#=C1 %"' &.$ 1FK2= I ="1' I D%$1F"1=-' E=22=' N#' F&F 1' I %1 &.' 2F $.#" %"' /# E%"E 2=' =1' N#' $=JF$/F 1

) ' "5' ' ; </ C I %" /-' DF$' 2 FKK.' # 22F# I =-' D' `*\

$ % & ' ( ) * ' , .

' ! ' ! !

1#F1 %'" $.E D$%N#=' /=Ć DF$1 Ć F# C= '" /# E%"E 2=' "F1 %'"F2 ' 6' ; I D=$=#$ " F# ' $F 1' DFĆ &%#2# /%"'"=$ 2=' C J"F ' / "'" C=K C I F ' =Ć E .1 "=Ć N# ' D$="F ="1' C%'" I %1' / %$/$=' "=' 2 F#$F ="1' DFĆ C# & ' "CN"=+ M-' =1 1' 2=' CF&F 1 ' 6' = I D=$=#$ C%##OF 1F 1-' M' D$%D%Ć /=' $ "C1 1#1 %'" EF"%" N#=-' %K1=" $ /=' 2F' I F %$ 1.' / # E%"0 E 2=' #'" %1=' N# ' %K2 J=$F 1' 2=' DFD=' M' 2# ' E. /=$ ' 6' =Ć %DD%CF"1Ć "=' &%#2F ="1' . I =11$=' F#E#'" &%1=' F&F"1' /=' E%"%F 2$=' M' E=1' .JF$/' 2=Ć "1="1 %'"Ć / # C%##&=$F '" D%"1 <=' 6' F' E% I I CC %'" /# I =CCFJ=' =C1' ="' J$F"/=' DF$1 =' E% I D%C.=' /=Ć DF$1 CF"Ć /'" CF "1+DQ$=' 6' 7$= I Q$=' C.F"E=' Î ' 3"&% C '" C=' / 1' EOF$J.' /=' 2F' DF$1' /=' 2 = I D=$=#$' /=' / = I F"/=$ M' 2F' E% I I CC %'" Î /=' / .E2F$=$ 2=' E%"+ E 2=' E% I D.1="1' D%#$ D$%"%"E=$ C#$ 2F' I F1 Q$=' /=' $ "C1 1#1 %'" EF"%" N#=' CF"Ć 2 "1=$&=#1 %'" /# DFD=' $ d /=' D%#$&% $ D$%& C% $=-I ="1' M 2 "C1 1#1 %'" /=Ć .&YN#=Ć "% I I .C ' 6' 3=#W Q I =' C.F"E=' Î ' / & F# $=D%#CC=' 2F' D$= I Q$=' D$%0 D%C 1 %"' 6' 2' =C1' FDD#L.' DF$ ' /=' 3$%J2 =' 6' ' 3#&% C '" &=#1' <F $=' D%C=$ 2=' EFC' / #"=' =W1$Y I =' ".E=CC 1.' 6' F' 1$% C Q I =' C.F"E=' =C1' %#&=$1=' DF$' 2F' /.E2F$F1 %'" /=' ' J%1-' N#=' 2 = I D=$=#$' &=#1' #"=' $.D%"C=' I I ./ F1=' M' 2F' N#=C1 %'" D%C.=' DF$' ' 3#&% C "' 6' F' I F %$ 1.' /=' 2F' E% I I CC %'" C=' /.E2F$=' "E% I D.1="1=' 6' =' EF$/ "F2' =CEO' D%$1=' E=11=' /.E C %'" ' F "1+' I 2%#/' 6' %2Q$=' /=' 2 = I D=$=#$' 6' 2' C=' EF2 I =' D=# M' D=#-' =1' / E1=-' C.F"E=' 1="F"1=-' #'" D$% =1' /=' /.E$=1-' %a' 2' =C1' &FJ#= I ="1' N#=C1 %'" /=' 2 FCC="1 I ="1' N#=' 2=' DFD=' F#$F 1' /%"".' F# D$% =1' /=' 2 = I D=$=#$' 6' = I D=$=#$ " %C=' DFC' ="' / $=' /F&F"1FJ=-' DF$E=' N#=-' / FD$QC' 2=C' 2=11$=C' $=P#=C' /=' F&%"=-' 2=' DFD=-' N#% +' N# M' D=#' D$QC'm .1F K2 -' "=' C= I K2=' DFC' ="E%$=' / CD%C.' M' $=E%"'"FZ1$=' 2F' &F2=#$ /=' 2 =CDQE=' / ="JFJ= I ="1' F#N#=' 2' F&F 1' "FJ#Q$=' E%"C="1 ' 6' F' I F %$ 1.' /=' 2F' E% I I CC %"-' M' 2 =WE=D1 %'" /=' ' / & F# =1' /=' ' /=' $%J2 =-' FEE=D1=' 2=' D$% =1' /=' /.E$=1' I D.$ F2' 6' 22=' C=' $.1$FE1=' 2=' 2=" /= I F "' =1 =$ / .1=$ I 2R' "F1 %'" D$%& ="1' C#$1%#1' /=' E=' N#=' 2=C' .&YN#=C' "=' E$% ="1' DFC' M' 2 FCC#$F"E=' N# %'" 2=#$' /%""=' C ' 1 I /= I ="1' /# E%"C="1= I ="1' /# CF F1+DQ$=' 6' = I D=0 $=#$' &=#1' / CC%#/$=' 2=' E%"E 2=' 6' 2' F %#$"=' #CN# FD$QC' 2F' $.#'" %'" /=' 2F' E%"J$.JF1 %'" J."$F2=' 6' FDD%$1' /=' ' I' M' 2F' E%"J$.JF1 %'" J."$F2=' '

' $G

R B' ' ! ' ' ' 7 ' 7

F / CE#CC %"' =C1' $= I C=' F# 2="/= I F "' 6' =' 2="/= I F "' 2=' E%"E 2=' =C1' / CC%#C 6' $$=C1F1 %"' /=C' .&YN#=C' /=' F"/-' /=' $%L=C' =1' /=' %#2%J"=' 6' F$$=C1F+' , %"' /=C' 1$% C' .&YN#=C' EF#C=' #"=' J$F"/=' . I %1 %"' 6' = I D=$=#$' C%"J=' M' C F/$=CC=$' F# %$DC 2. J C2F1 < 6 F C' 2' $="%"E=' M' E=11=' /.=' C#$' 2 F& C' /%"' .' DF$' /=' OFK$%2' N#=' 2=' DFD=' =C1' 1%#1' M' <F 1' $.1FK2 ' EZ' CE' I %"1$=' M' CD%C.' M' $=&=0 " $-' I %L="'F"1' /=' 2. JQ$=C' I %/ EF1 %"C-' F#W' F$$F"J= I =" 1C' /. M' E%"C="1 C 6' ' J%1' =C1' EOF$J.' /=' &% $' =1' /=' $F I ="=$' #"' M' #"' 2=C' .&YN#=C' 6' 2C' EQ/="1' D$=CN#=' 1%#C' 6' 3. I F$EO=C' "#1 2=C' /=' I =C/F I =C' /=' F I E1<F' =1' /=' #$F1-' D%&@$' %K1=" $' /#' EF$/ "F2' =CEO' =1' /=' 2 .&YN#=' /=' ! F"1=C-' N# 2C' $.E2F0 I ="1' 2F' I C=' =" 2 K=$1.' /=C' .&YN#=C' D$ C%"' ="$C' 6' .#" %"-' 2=' F%] 1' -' /=C' .&YN#=C' D$.C="1C' M' 7F$ C' 6' F' 1$QC+J$F"/=' I F %$ 1.' FEE=D1=' DF$' FCC C' =1' 2=&.' 2=C' $.C%2#1 %"C' D$%D%C.=C' DF$' 2 = I D=$=#$

d %K =1' #" N#=' =1' =WE2#C < /#' E%"E 2=' /=')*))-' / 1' 2 FKK.' /=7$F/1-' N# 2' "%#C' <F#1' C%#&="1' E 1=$' DF$E=' N#=' E =C1' 2#' N#' F' 2=' I =#W' =WD%C.' 2=' D% "1' /=' &#=' F#0 N#=2' C .2F 1' D2FE.' 2 = I D=$=#$-' .1F 1' /=' $.J#2F$ C=$' 2 %$/$=' /=' 2 "C1 1#1 %"' EF"%" N#=' =1' /=' D%#$&% $' M' E=' N#=' /.C%$ I F C' =22=' "=' D]1' Y1$=' F$$Y1.=' DF$' F#E#"=' F#1$=' EF#C=' N#=' 2=C' = I DYEO= I ="1C' %DD%C.C' DF$' 2=' DFD=' F#W' I D.1$F"1C' F' N#=C1 %"' .2=&.=' ="1$=' 2=' CF "1+C QJ=' =1' 2=C' D$ "E=C' .1F 2' 2M' 1%#1' ="1 Q$=' =' $=C1=' "=' E% I D$="F 1' N#=' /=C' FEE=CC% $=C ' F' /= I F"/=' /=' 2 = I D=$=#$' .1F 1' D# C.=' /F"C' 2F' "F1#$=' /=C' EO%C=C' 22=' I =11F 1' < '" M' 2 F$K 1$F $=-' M' 2 " C1 E 2' ="&=$C' 2=C' J2 C=C' =1' 2=C' 1 1#2F $=C' 22=' $.J2F 1' #"' %$/$=' < W=' =1' $F C%"" FK2=' $bE=' M' 2# -' 2=C' N#=$=22=C' ="1$=' 2=' CFE=$0 /%E=' =1' 2 = DD $=' F&F ="1-' FD$QC' 1F"1' /=' C QE2=C-' 1$%#&.' #"' 1=$ I =' =' " .1F 1' DFC' C=#2= I ="1' D%#$' 2F' $F"E=

N#=' E=2F' .1F 1' <F 1-' E .1F 1' D%#$' 2=' I %"/=' EO$.1 ="-'
N#' "=' D%#&F 1' I F"N#=$' /=' C L' E%"<%$ I =$S ' E='
" .2F ="1' DFC' C=#2= I ="1' C=C' F<<F $=C' N#=' <F CF 1' ! FD%0
2.%"' F&=E' E=1' FEE%$/-' E .1F ="1' ="E%$=' E=22=C' /=C'
F#1$=C' C%#&=$F "C-' F#WN#=2C' 2' .DF$J"F 1' DF$' C%"'
=W= I D2=' 2=C' = I KF$$FC' N#' 2=C' F11=" /="1R ' 5' 7%#$0
1F"1' 2=' EOF"J= I ="1' /#' I %/=' / "C1 1#1 %"' /=C' .W .N#=C'
" .1F 1' D% "1-' /=' 2 F&=#' /=' 2 F$EO=&YN#=' "% I I .' /='
F1 "=C-' CF"C' / << E#21.C' d' ' C FJ CCF 1-' F %#1=+1+ 2'
/F"C' #"' F#1$=' DFCCFJ=' /=' C%"' 2 &$=-' / #"' /$% 1' D%C 1 <
J." .$F2= I ="1' $=E%""#' /F"C' 2 J2 C=-' M' CF&% $' 5' N#='
2 "C1 1#1 %"' EF"%" N#=' /% 1' Y1$=' /%"" .=' DF$' 2=' DFD=' '
7%#$' FDD%$1=$' /=C' I %/ < EF1 %"C' 5' E=1' %$/$=' /='
EO%C=C-' 2=' E%"E%#$C' /#' CF "1+DQ$=' .1F 1' " .E=CCF $= '
.1F 1' #"=' EOFZ"=' /%"1' 2' 1="F 1' 2=C' /=#W' K%#1C ' F'
E% I I CC %"' =EE2.C FC1 N#=' 2 F&F 1' C="1 5' I F C' =22='
F&F 1' D="C.' N#=' /F"C' 2=' EFC' /=" .E=CC 1.' =-q2$Y I =' #"='
J$F"/=' J2 C=' 1=22=' N#=' E=22=' /=' $F"E=' C=' 1$%#&F 1'
F#1%$ C.=' DF$' 2=' I F2O=#$' /=C' E $E%"C1F"E=C' M' D%#$&% $'
M' C%"' D$%D$=' CF2#1 ' =C' C%E .1.C' $="<=$ I ="1' 1%#1=C'
/F"C' 2=#$' C=' "' 2=' D$ "E D=' /=' E%"C=$&F1 %"' N# =22=C'
%"1' $=P#' /=' 2F' I Y I =' I F "' N#' 2=#$' /%""F' 2 =W C1="E='
J2 C=' " =C1' DFC' ' E=' D% "1' /=' &#=' #"=' C%E .1.' / #"=

E%"/ 1 %'" D $=' N#=' 2=C' F#1$=C ' 22=' "=' D=#1' I F"N#=$ /=C' I %L="C' /=' E%"C=$&F1 %'" N# ' C=$&="1' M' 2=C' D$.0 C=$&=$' 1%#1=C ' 22=' "=' CF#$F 1' E%"C="1 $' M' CF' D=$1=' ='" $=C1F"1' /F"C' #"=' "FE1 %'" I %$1=22= ' D$QC' F&% $' = I 0 D2%L.' 1%#C' 2=C' I %L="C' F&%#.C' DF$' 2F' $F C%"' D%#$ F I ="=$' 2F' < '" /#' /.C%$/$=-' 2' 2#' $=C1=' M' $= I D2 $' #'" /=&% $' & C+M+& C' / =22=+ I Y I =-' E=2#' /=' C%"J=$' M' CF' D$%D$=' E%"C=$&F1 %'" ="' C=' $="<=$ I F"1' /F"C' 2 = I D2%' /=C' I %L="C' 2.JF#W-' 1=2C' N#=' 2=' $=1%#$-' F#' I % "C' I %0 I ="1F".-' F#W' F"E ="C' EF"%"C' =1' M' 2F' / CE D2 "=' N#=' 2=C' /$% 1C' D%C 1 <C' %"1' FK$%J.C ' =#W+E -' "=' D%#&F"1' Y1$=' %KC=$&.C' /F"C' 2=' I % I ="1-' C%"1' E% I I =' C 2C' " =W C1F ="1' DFC ' '" $="1$F' F2%$C' /F"C' E=C' 2% C' /=' ".0 E=CC 1.' /=C' 1= I DC-' E% I I =' / 1' LD$ ="-' N#=' 3 =#' D=$0 I =1' =1' N#=' 2 O% I I =' "=' E% I I F"/=' DFC@' 5

! %#C' F&%"C'&%#2#' /%'"'="$'<'" <' ' 2F' /.<="C=' /=C' 1OQC=C' C%#1="#=C' /F"C' 2=' E%"E 2=' /=')*))' DF$' 2=C' .&YN#=C' N#' %"1' = I K$FCC.' M' E=11=' .D%N#=' 2=' DF$1' /=' 2 = I D=$=#$' =2F' "%#C' F' DF$#' "/ CD="CFK2=' ' '"%1$=' C="C' 2' " =C1' "' #C1=' "' #1 2=-' N#F"/' %'" $FE%"1=' 2=C' CEQ"=C' / #'" /$F I =' DFCCFK2= I ="1' E% I D2 N#.-' /=' / C0 C I #2=$' %#' / F<<F K2 $' 2=C' I %1 <C' N# %"1' F22.J#.C' D%#$

)' FKK.' /=' 7$F/1-' ' ' 'C$ ' 'C !! ' '1' -'D' ,\,-' ,\

=WD2 N#=$ 2=#$ E%"/# 2= 2=C FE1=#$C N# -' /F"C /=C E $0 E%"C1F"E=C /.2 EF1=C-' %"1-' C#$ /=C D% "1C #"" D=# "0 E=$1F "C /= 2=#$ "F1#$=-' . I C /=C %D " %"C F$/= I I ="1 / CE#1.=C /=D# C ' 2 " .EOFDD=$F D%#$1F"1 DFC M "%C 2=E1=#$C N#= 2F 1O.%$ = /.&=2%DD.= DF$ ' /= 7$F/1-' 1O.%$ = N# 2C &=$$%"1 C= $=D$%/# $= "E=CCF I I ="1 /F"C 2=C /.2 K.$F1 %"C "1.$ =#$=C /= 2F E% I I CC %"" /# I =CCFJ=-' $=D%CF 1 C#$ #"= OLD%1OQC= J$F1# 1=' 8#% N#= E%"1$F $=' F#W 1$F/ 1 %"C EF1O%2 N#=C-' =22= =]1 D=#1+Y1$=' .1.' #C1 < FK2= C# &F"1 2F $F C%"-' C' 2= CF "1+DQ$=' F&F 1 $=<#C.' 2 "C1 1#1 %"" EF"%" N#= F#W .&YN#=C-' =1 C .1F 1 C=$&' /= E= $=<#C E% I I =' / #"= F$ I =' D%#$ $=E%#&$=$ 2F E%#$%" "= 1= I D%$=22= /%"1 2 F&F 1 .1.' /.D%CC./.' "" $.F2 1.-' 2F N#=C1 %"" "= C= D%CF D% "1 F "C'="1$=' 7 = ' =1 ! FD%2.%"' :F I F C 2= DFD= D="/F"1 N# ' .1F 1 D$ C%"" =$ M F&%"=-' F I F C C=C D2#C EOF#/C /.<="C=#$C /#$F"1 2F 1="#= /# E%"E 2=-' "= D$%<=CCQ$="1 2F /%E1$ "= /= 2F " .E=CC 1.' /# D%#&% $ 1= I D%$=2 /=C DFD=C ' #$ E= C# =1-' DF$ #"" 1FE 1= FEE%$/-' 2= C 2="E= 2= D2#C FKC%2# <#1 JF$/.' /= DF$1 =1 / F#1$=' 7 = ' C= K%$"F 1 M /.E2F$=$ N#=-' /.D%#$&# /= C=C E%"C= 22=$C "F1#$=2C-' 2=C I = I K$=C /# CFE$.+E%22.J=-' D$ &.' /= E% I I #" EF1 %"C F&=E 2= E2=$J.' /= $F"E= =1 /= 1%#1= =CDQE= /= I %L="C / "<%$ I F1 %"" C#$ 2 FD1 0 1#/= /=C C# =1C D$%D%C.C-' 2 "= C= C="1F 1 DFC ="" .1F1

E%"2 %&Q$C=‘ "%D ". I ="1‘ C%#2=&.=‘ M‘ D$%D%C‘ /=‘ 2 "+‘ C2 2 2 %"“ /=C‘ .&YN#=C‘ % "“ / .D$%#&=$‘ /F"C‘ E=22=‘ E $E%"C1F"E=‘ F#E#"=‘ CL I DF1O =‘ D%#$‘ ! FD%2.%"‘- 2C‘ C%# $F ="1‘ 1%#C-‘ N#% N#=‘ /=C‘ $F C%"C‘ / &=$C=C‘ "=‘ 2=#$‘ D=$ I CC="1‘ DFC‘ / ="“ $ ="“ 1. I % J"=$-‘ /=C‘ ="1$F&=C‘ I C=C‘ EO=X‘ =#-q DF$‘ 2=C‘ & %2="E=C‘ I D.$ F2=C‘ F# J%#0 &=$"= I ="1‘ /=C‘ F<<F $=C‘ $=2 J =#C=C

b1%"C+"%#C‘ 1%#1=<% C‘ /=‘ 2=‘ / $=-‘ 2F‘ N#=C1 %"“ "=‘ C=‘ D$.C="1F 1‘ DFC‘ /=&F"1‘ 2=C‘ I = I K$=C‘ /# E%"E 2=‘ : F+‘ 2 %"F2‘ C%#C‘ 2F‘ <%$ I =‘ "=11=‘ =1‘ D%C 1 &=‘ N#=-‘ F< "“ /=‘ I =#W‘ D$.E C=$‘ 2=‘ / .KF1-‘ 2 F$EO=&YN#=‘ /=‘ F2 "=C‘ C =C1‘ D2# M‘ 2#‘ /%""=$‘ ‘ 2=‘ EO=< /=‘ 2 = I D $=‘ C%"0 J=F 1‘ ="“ =<<=1‘ M‘ C=‘ D$%E#$=$‘ F# I %L="“ / #"=‘ E% I K 0 "F C%"“ 2.%" "=‘ 2F‘ <FE#21.‘ /=‘ JF$/=$‘ 2F‘ OF#1=‘ I F "-‘ 2=‘ $c2=‘ D$.D%"/.$F"1‘ =1‘ 2=‘ /=$" =$‘ I %1‘ /F"C‘ 2=‘ EO% W‘ /=C0 .&YN#=C-‘ 2‘ "=‘ I F$EOF 1‘ &=$C‘ E=‘ K#1‘ C‘ /.C $.‘ N#=‘ DF$‘ #"=‘ &% =‘ =W1$Y I = I ="1‘ /.1%##$" .=‘ F2J$.‘ E=‘ N#=‘ C=C‘ =""= I C‘ %"1‘ D# F&F"E=$-‘ 2‘ <F#1‘ $=E%""FZ1$=‘ N#= ! FD%+‘ 2.%"“ .1F 1‘ 2% "“ F2%$C‘ /=‘ &%#2% $‘ $=&=" / N#=$‘ / $=E1=0 I ="1‘ D%#$‘ 2# + I Y I =‘ #"“ /$% 1‘ / "C1 1#1 %"“ EF"%" N#=‘ C= I K2FK2=‘ M‘ E=2#‘ N# =W=$E=-‘ DF$‘ =W= I D2=-‘ CF"C‘ E%"0 1=C1F1 %"“ /=‘ 2F‘ DF$1‘ /# E2=$J.‘ F"J2 EF"-‘ 2=‘ C%#&=$F "“ /=‘ 2F‘ $F"/=+ $=1FJ"=‘)) CF&F 1‘ DF$<F 1= I ="1‘ N#=‘ E=22=‘ D$.1="1 %"-‘ C 2 2 =a1‘ I C=‘ ="“ F&F"1-‘ F#$F 1‘ F#CC 1c1‘ E%"C1 1#.‘ ="“ $F"E=‘ #"“ &.$ 1FK2=‘ CEO C I =‘ 3=‘ CEO C I =m

B ' ' ! ' ' ' 7 ' 7

2' " =" ' &%#2F 1' D% "1 ' ' EO=X' 2# ' 2 O% I I =' .1F 1' "/ <0
<.$="1' =" ' I F1 Q$=' $=2 J =#C=-' 2=' D%2 1 N#=' F&F 1' 2F' D2#C'
J$F"/=' $.D#J"F"E=' M' C=' 2F CC=$' FEE#2=$' M' #"=' DF$= 22='
=W1$. I 1.' I' 1%#C' 2=C' /F"J=$C' =" ' FDDF$F CCF ="1' 1$%D'
K =" ' M' C%" ' E2F $&%LF"1' =CD$ 1 ' F+ I ="FE=' /=' C=' <F $='
D$%2=C1F"1-' I ="FE.' M' 2FN#=22=' 2' $=E%#$#1' C ' C%#&="1'
D%#$' "1 I /=$' 1F"1c1' 2=' CF "1+DQ$=' =1' 1F"1c1' 2=C'
I = I K$=C' /#' E2=$J.' <$F"PF C-' " .1F 1' /=' CF' DF$1' N# #"='
<= "1= ' =<<=1-' M' 2F' &.$ 1.-' =" ' <#1' D$=CN#=' 1%# %#$C'
I I ./ F1 ' =C' FCC=$1 %"C' C#D=$K=C' C ' C%#&="1' =1' C '
E% I D2F CF I I ="1' /.&=2%DD.=C' /=&F"1' =C' =EE2.C FC0
1 N#=C' /=' C%" ' ="1%#$FJ=' " F&F ="1' / F#1$=' K#1' N#=' /='
2=#$' /%""=$' M' $.<2.EO $-' =1' 2%$CN# 2' D$%E2F I F 1' F&=E'
1F"1' /=' OF#1=#$' N#=-' C 2' &%#2F 1' $% I D$=' F&=E' 2=' CF "1+'
C QJ=-' 2=' DFLC-' C%" ' E2=$J.' =" ' 1c2=-' DFCC=$F 1' 1%#1' ="0
1 =$' /=' C%" ' Ec1.-' 2' C="1F 1' K =" ' F#' <%"/' /#' En#$' N# 2'
" =" ' C=$F 1' $ =" ' 2' " J"%$F 1' DFC' N# 2' =]1' $ CN#.' /='
" F&% $' I Y I =' DFC' F&=E' 2# ' 2=C' DO 2%C%DO=C' /=' C%" '
E%"C= 2' / ^1F1-' /%"1' 2' C=' C=$&F 1' E% I I =' / .D%#&F"+
P
2F 2' D%#$' =<<$FL=$' 2=C' EF1O%2 N#=C-' I F C' N# ' F&F ="1-'
C% I I =' 1%#1=-' 1$%D' D=#' /=' <% ' =1' 1$%D' /=' K%" ' C="C'
D%#$' C=' I =11$=-' =" ' 2 F" ' /=' J$bE=')*))-' M' 2F' $= I %$N#='
/ #" ' "%#&=2' ="$ '

%#1%"C-' F< " ' / Q2$=' #C1=-' N# M' 2 =WE=D1 %" ' /='
2 FKK.' /=' 7$F/1' N# ' " F&F 1' $ =" ' / #" ' D$Y1$=' =" ' 1%#1=

CF D=$C%""=- =1 C#$ 2=N#=2 2 F#$F 1 D=#1+Y1$= =# 1%$1 /= 1$%D E% I D1=$- DFC #"" C=#2 /=C D$.2F1C F2%$C ="$c2.C F&=E D2#C %# I % "C /= XQ2= %# /= D$.&%LF"E= /F"C C%"" DF$1 ' " =]1 F&=#J2. I ="1 C# & ' 2 = I D=$=#$ 2= %#$ %a 2 F#$F 1 .1.' N#=C1 %"" /= C= C.DF$=$ /# EO=< /= 2F EF1O%2 E 1. ' F C=#2= D="C.= = < =]1 <F 1 O%$$=#$ M 1%#C ' ! % I K$= /= <% C- F&=E E=22= =WFJ.$F1 %"" D$%D$= M 2 =CD$ 1 /= DF$1 - N# ' "= /=& ="1 F I F C C <FE 2=0 I ="1 " #C1=- "%#C "= CF#$ %"C / $- =WE#CFK2=- N#= /F"C 2=C D%2. I N#=C %a 2F $=2 J %"" =C1 I Y2.=- 2=C D$.2F1C %DD%CF"1C /=)*))' %"1 /#$= I ="1 $=D$%EO.' a 2=#$C F/&=$CF $=C / F&% $ D="EO.' &=$C 2= CEO C I ' =22= FEE#CF1 %"" " .1F 1 DFC <%"/.=' 4"= DF$1 F2 1.' E%"C1F"1= M 2 .JF$/ /# D%#&% $ E & 2-' #"= E%"< F"E= $$.<2.EO = /F"C 2 = I D=$=#$-' #"= FDD$.E F1 %"" =$$%0 " .=-' N#% N#= E%"CE ="E =#C=- /=C E $E%"C1F"E=C /# 1= I DC-' 1$%D / =2 $%' F# C# =1 /=C D.$ 2C /= 2 J2 C=- 1$%D /= E% I D2F CF"E= M 2 ="/$% 1 /= E=2#' N#' 1="F 1 M 2=#$C L=#W C%"" C%$1 ="1$= 2=C I F "C- 1=2C %"1 .1.- M 2=C E%"C /.$=$ <$% /= I ="1- 2=C 2%$ C D$ "E DF#W /=C I = I K$=C /# E%"E 2= N# - /F"C 2F N#=$=22= C#$&="#= ="1$= 2= CF "1+C QJ= =1 2= J%#&=$"= I ="1 <$F"PF C- C= D$%D%CQ$="1 C#$1%#1 /= I F$EO=$ 1%# %#$C / FEE%$/ F&=E 2= <%"/F1=#$ /= 2F /L"FC1 = I D.$ F2=' 8# M E=C C="1 I ="1C- C "EQ$=C EO=X 2F 1$QC+J$F"/= I F %$ 1.- 2

B*‘ ‘ ! ‘ ‘ ‘ 7 ‘ 7

C=‘ C% 1‘ I Y2.‘ / F#1$=C‘ E%"C / .$F1 %"C‘ I % "C‘ F&%#FK2=C-‘
2‘ " =C1‘ DFC‘ "1=$/ 1‘ /=‘ 2=‘ C#DD%C=$-‘ EF$‘ 2=C‘ D$Y1$=C‘
" .EOFDD="1‘ DFC‘ D2#C‘ N#=‘ 2=‘ $=C1=‘ /=C‘ I %$(=2C‘ F#W‘
/.<F 22F"E=C‘ E% I I #"=C‘ M‘ 2F‘ I C.$FK2=‘ =CDQE=‘ O#0
I F "=-‘ =1‘ F I F C‘ E=C‘ /.<F 22F"E=C‘ "=‘ <#$="1‘ D=#1+Y1$=‘
D2#C‘ 1$ C1= I ="1‘ <$.N m"1=C‘ N# M‘ E=11=‘ .D%N#=‘ /=‘ "%1$=‘
O C1% $=‘ 3=C‘ I %1 <C‘ KFCC= I ="1‘ O%"1=#W‘ "=‘ DF$F CC="1‘
DFC‘ 1%#1=<% C‘ F&% $‘ "<2#.‘ / #"=‘ <FP%"‘ / $=E2=‘ C#$‘ 2F‘
E%"/# 1=‘ /=C‘ D$.2F1C‘ N#‘ C=$& $="1‘ F2%$C‘ / "C1$# I ="1C‘
F#W‘ D$% =1C‘ /#‘ EO=<‘ /=‘ 2 = I D $=-‘ =1‘ 3 =#‘ CF 1‘ C‘ 2=C‘ 1="0
1F1 %"C‘ 2=#$‘ <#$="1‘ .DF$J".=C‘ ś "JFJ.‘ M‘ <%"/‘ /F"C‘
#"=‘ 2#11=‘ %a‘ CF‘ D# CCF"E=‘ =1‘ C%"‘ %$J#= 2‘ .1F ="1‘ .JF0
2= I ="1‘ ="‘ =#-‘ ! FD%2.%"‘ " .2F 1‘ DFC‘ O% I I =‘ M‘ 2F CC=$‘
CF"C‘ C1 I #2F"1‘ %#‘ CF"C‘ $.E% I D="C=‘ 2=C‘ C=E%#$C‘ N# 2‘
F11="/F 1‘ / F#W 2 F $=C‘ F#CC‘ [1 2=C‘ N#=‘ 2 .1F ="1-‘ DF$‘
=W= I D2=-‘ ‘ /=‘ F$$F‘ =1‘ 3#&% C "‘ 7F$‘ D$#/="E=-‘
C‘ 2 %"‘ &=#1-‘ DF$‘ O%""=#$-‘ "%#C‘ D$.<.$%"C‘ 2=‘ E$% $=-‘
C=C‘ %<<$=C‘ E% I D$% I =11F"1=C‘ "=‘ <#$="1‘ F I F C‘ FEE=D0
1.=C‘ 2‘ $.C#21=‘ ="‘ DF$1 E#2 =$‘ /=‘ $="C= J"= I ="1C‘
‘ D# C.C‘ M‘ K%""=‘ C%#$E=‘ N#=‘ 2 .&YN#=‘ /=‘ ! F"1=C-‘ 2=‘
E%"C= 22=$‘ 2=‘ D2#C‘ .E%#2.‘ /=‘ 2 = I D=$=#$-‘ N#‘ C=‘ JF$/F‘
K ="‘ / F 22=#$C‘ /=‘ 2#‘ 2 &$=$‘ 1%#C‘ C=C‘ C=E$=1C-‘ =#1‘
I F "1=C‘ <% C‘ M‘ C=‘ /.<="/$=-‘ D="/F"1‘ 2F‘ 1="#=‘ /#‘
E%"E 2=-‘ E%"1$=‘ 2=C‘ D$%D%C 1 %"C‘ /=‘ C%"‘ I FZ1$=-‘
F11="1 <‘ M‘ <F $=‘ I $% 1=$‘ 1%#$‘ M‘ 1%#$‘ /=&F"1‘ C=C‘ L=#W

2= EOFD=F# /= EF$/ "F2- /= J$F"/=C C 2#F2 %"C =EE2.0 C FC1 N#=C =1 /=C D2FE=C 2#E$F1 &=C D%#$ 1%#C 2=C I = I 0 K$=C /= CF <F I 22= 7 2#C F2%#W /= C%"" "<2#="E= D=$0 C%"" "=22= C#$ 2=C I = I K$=C /# E2=$J. N#= /= D$%< 1C %# / O%"" "=#$C- 3#&% C "" /= I =#$F ".K$F"2FK2= 2 F&F 1 FCC=X /= < =$1. D%#$ F11FEO=$ I % "C / I D%$0 1F"E= F#W <F&=#$C /= 2F E%#$ N# F# C#EEQC /=C /.=C N# 2 F&F 1 /. M /.<="/#=C F# C= "" /= /=#W E% I I C0 C %"C =EE2.C FC1 N#=C- =1 N# 2 =CD.$F 1 <F $= I F "1=0 "F"1 1$ % I DO=$ /F"C 2= E%"E 2= F# I %L="" / #"" D2F"" /= E%"/# 1= /%"1 2 .2F 1 2= D$ "E DF2 "&="1=#$- =1 N# " = I F"N#F 1- M &$F / $=- " / = D$#/="E= " / OF0 K 2=1.

)) =]1 .1. I D%CC K2=- =1 2 .&YN#= /= ! F"1=C 2= C="1F 1 I =#W N#= D=$C% <<2=- / FDD%$1=$ F# E%"E 2=- F" I . /=C C="1 I ="1C N#= "%#C &="%"C / "/ N#=$- N#=2N#= D$%D%C 1 %"" N#= E= <]1 / $=E1= I ="1 E%"0 1$F $= F#W /$% 1C F&.$.C /# CF "2+C .J= # /=0 I F"/=$ /= $=E%""FZ1$= F# EO=< /= 2 = I D $= 2= /$% 1 /= "% I I =$ 2# + I Y I = =1 / $=E1= I ="1 2=C .&YN#=C- E =]1 .1. D$%&%N#=$ CF"C D$%< 1 #"= =WD2%C %"" ,= I .E%"1="1= I ="1C &=$1 DF$ 3#&% C "- 2 = I D=0 $=#$ L F&F 1 $="%"E. =C D$.1="1 %"C F&F ="1 K=F#0 E%#D KF CC. 2 C= K%$"F 1 I F "1="F"1 M &%#2% $ %K1=0 " $ /# E%"E 2= 2F /.E2F$F1 %"" N#=- 2= EFC .EO.F"1

G= ‘ ! ‘ ‘ ‘ 7 ‘ 7

mmmC1+M+/ $=‘ C‘ 2= DFD=‘ E%"2 "#F 1‘ M‘ /= I =#$=$‘ "<2=W +‘
$ Iq
mm J-‘ 2=‘ E%"E 2=‘ C=‘ $=E%" "FZ1$F 1‘ E% I D.1="1‘ D%#$‘ F& C=$‘
i+mm- 2 Y I =‘ F#W‘ I %L="C‘ /=‘ D%#$&% $‘ D$%& C% $= I ="1‘ M‘
& /# 1.‘ /=C‘ / %EQC=C‘ ! FD%2.%"‘ "=‘ <F CF 1‘ DFC‘ / <0
< E#21.‘ / F %#1=$‘ N# F&F"1‘ /=‘ I =11$=‘ 2=C‘ 7Q$=C‘ /# E%"0
E 2=‘ ="‘ /= I =#$=‘ /=‘ DFCC=$‘ %#1$=-‘ 2‘ "=‘ C=‘ $=<#C=$F 1‘
D% "1‘ M‘ ="&%L=$-‘ F#‘ "% I‘ /# E%"E 2=-‘ #"=‘ "%#&=22=‘
/.D#1F1 %"‘ F#D$QC‘ /# DFD=‘ M‘ F&%"=‘ =22=‘ .1F 1‘ 2F‘
&% =‘ /.1%#$".=‘ &=$C‘ 2FN#=22=‘ 2=C‘ D$.2F1C‘ DF$1 CF"C‘
/=‘ 2F‘ E%#$‘ F&F ="1‘ .1.‘ EOF$J.C‘ / "E2 "=$‘ /%#E= I ="1‘
2=#$C‘ E%22QJ#=C‘ =#W+E‘ L‘ $.D#J"F ="1‘ K=F#E%#D‘
d 7%#$N#% -‘ / CF ="1+ 2C-‘ /.K#1=$‘ DF$‘ #"=‘ /.E2F$F1 %"‘
/=‘ E% I D.1="E=‘ /%"1‘ 2F‘ &F2=#$‘ EF"%" N#=-‘ <%$1‘ "E=$0
1F "=‘ ="‘ =22=+ I c I E-‘ C=$F‘ E=$1F "= I ="1‘ E%"C /.$.=‘
E% I I =‘ "#22=‘ DF$‘ K=F#E%#D‘ / =WE=22="1C‘ 1O.%2%J ="C-‘
=1‘ E=2F‘ N#F"/‘ 2 = I D=$=#$‘ E%"C="1‘ M‘ 1$F 1=$‘ F&=E‘ 2=‘
C%#&=$F "‘ D%"1 <=‘ g‘ =C1‘ DF$‘ 2M‘ .& /= I I ="1‘ N# 2‘
<F#1‘ E% I I ="E=$‘ 8# %"‘ "%#C‘ D=$ I =11=‘ / ="1$=$‘ ="‘
E% I I #" EF1 %"‘ F&=E‘ 2=‘ CF "1+DQ$=-‘ /=‘ /.D#1=$‘ D$QC‘ /=‘
2#‘ N#=2N#=C+#"C‘ / ="1$=‘ "%#C‘ D%#$‘ 2#‘ =WD%C=$‘ 2=C‘
K Z<=% "C‘ /=‘ 2 J2 C=‘ ‘ "%#C‘ "=‘ $.#CC CC%"C‘ DFC‘ M‘ 2=‘
<2.EO $-‘ 2‘ C=$F‘ 1= I DC‘ F2%$C-‘ I F C‘ C=#2= I ="1‘ F2%$C-‘ /=‘
E%"C /.$=$‘ E=‘ N#=‘ "%#C‘ F#$%"C‘ M‘ <F $=‘ =11=‘ /. I F$EO=‘
=C1‘ / F#1F"1‘ D2#C‘ "/ N#.=-‘ F %#1F ="1+ 2C-‘ N#=‘ "%C‘
E%22QJ#=C‘ /. M‘ D$.E./= I I ="1‘ ="&%L.C‘ M‘ F&%"=‘ "%#C

,' ' ! ' ' ' 7 ' 7

D2#C 1$QC+D$=CC.C / ="1$=$ =" I F1 Q$= ' " C %KC=$&F 1
$.E D$%N#= I ="1 ' 2%$C ' / $%J2 C D$ 1 M / $
 N# .1F"1 2 #" /=C D2#C =#"=C D$.2F1C /# E%"E 2=- 2
D$ F 1 C=C FZ".C- 2=C I = I K$=C /=C F"E ="C E% I 1.C
=EE2.C FC1 N#=C- N# ' F&F ="1 .1#/ .' /=D# C 2%"J1= I DC
E=C N#=C1 %"C- / &%#1% $ K =" <F $ DF$1 / 2=#$C 2#0
 I Q$=C M 2=#$C E%22QJ#=C ' 5 =2F DF$#1 C%#2FJ=$ 2 .&Y+
N1 / ! F"1=C- N# ' ="&%LF EO=$EO=$ 2 $FDD%$1 "F0
J#Q$ F/$=CC.' M 2 = I D=$=#$- =1 =" /%""F 2=E1#$ M 2F
E% I I CC %" ' $FDD%$1 .1F 1 2%"J ' =C .&YN#=C %D0
D%CF"1C 1$%#&Q$="1 N# 2 L F&F 1 D2#C / DF$%2=C N#
/ <F 1C- =1 2=C <F 1C =#W+ I Y I =C " 2=#$ C= I K2F ="1
DFC / << E 2=C M $.<#1=$ ' 8#F"/ 2F 2=E1#$ =" <#1 1=$0
 I ".=- 2=C I = I K$=C / 2F I F %$ 1.' < $="1 %KC=$&=$
N# d E=C I =CC =#$C / 2F E% I I CC %" =EE2.C FC1 N#
F&F ="1 =# /=C I % C =1 /=C I % C D%#$ C "C1$# $=- / C0
E#1=$ =1 $.D%"/$= ' % I I ="1 =W J=$ N# 2C D#CC="1-
=#W- $.D%"/$= ="- O# 1 %#$C M /=C N#=C1 %"C / C '
OF#1= I D%$1F"E=g 6 ' !%#C D=$/%"C "%1$= 1= I DC-
F %#1F 2 .&YN#= / $%L=C- =1 F I F C "%#C " "%#C
="1="/$%"C ' OFN#= %#$ %" "%#C / 1 i = I D=$=#$
&=#1 E=E - 2 = I D=$=#$ &=#1 E=2F ' % I I ="1 1$F&F 22=$
=1 C= < W=$ C#$ /=C / $=C F#CC ' &F$ FK2=Cg 5 =C .&Y0
N#=C / %#$C =1 / ! F"1=C $.D%"/F ="1 i d & 1%"C
/ $$ 1=$ ' %#1 =C1 D=$/#- C ' 2 %" " FEE%$/ DFC E=

FCC#$F+1+ 2 =22=C "= C .1F ="1 D$%"%"E.=C /F"C 2= C="C "/ N#.DF$ 2 .&YN#= /= ! F"1=C FCC= I K2.= /=) * =22=+ I Y I = C .1F 1 K%$".= M /= I F"/=$ /=C K#22=C F# DFD=- =22= "= C .1F 1 $ ="D=$ I C F# /=2M =C E%"E2#0 C %"C /= 2 F$EO=&YN#= /= %$/=F#W " .1F ="1 D% "1 F/ I C=C DF$ 2=C 1$% C .&YN#=C /.D#1.C M F&%"=- N# 2=C E%"1$=/ $="1 FCC=X & &= I ="1 2%$C 2 .&YN#= /= %#$"F 2#1 M C=C E%22QJ#=C #" I . I % $= 2%"J#=0 I ="1 I %1 &. C#$ 2F N#=C1 %" N# %EE#DF 1 2F E% I 0 I CC %" /# I =CCFJ=R 2 FDD=2F DF$1 E#2 Q$= I ="1 2 F10 1="1 %" /=C D$.2F1C N# "= D="CF ="1 DFC E% I I = 2# C#$ 2= /%#1= 2.J 1 I = N#= D$%/# $F 1 ".E=CCF $= I ="1 /F"C 2 =CD$ 1 /=C D$Y1$=C =1 /=C < /Q2=C 1%#1= "C1 1#1 %" EF"%" N#= /%"".= M /=C .&YN#=C N# " F#$F ="1 DFC .1. D$.F2FK2= I ="1 FJ$..C DF$ 2= EO=< /= 2F EF1O%2 E 1. 2 FDD#LF K=F#E%#D C#$ 2=M /%#2%#$=#C=C F"W .1.C N# 1%$1#$=$F ="1 2=C E%"CE ="E=C- C 2 %" F/ I =11F 1 D%#$ 2 .D CE%DF1 #" I %/= /= $=E$#1= I ="1 F#CC "#C 1. 2

) " E$% 1 J.F.$F2= "="1 N#= E= I . I % $= F&F 1 .1. =" DF$1 = "CD $. M =$ 4 $"- .&YN#= /= %#$"F - DF$ 2 FKK. 3#& & =$- C%# J$F"/ & EF $= FKK. 3#& & =$ F&F 1 FEE% I DFJ". " $"" M 7F$ C 2 DFCC= ="=2J N#= D%#$ F&% $ .1. .JF2= I ="1 2= $./FE1=#$ /# #J=0 I ="1 /%E1$ "F2 D$%"%"E. ="*B E%"1$= 2= E%22QJ= DO 2%C%DO N#= /= 2 = I D=$=#$:%C=DO 72#C 1F$/ 2 ="1$F =# 2#11= E%"1$= 2= $% # 20 2F# I = /=C 7FLC+ FC F $.D#1F1 %" =C1 $=C1.= 1$QC+J$F"/= DF$ I 2= E2=$J. <2F I F"/

F#$F 1' E=' 1=$$ K2=' $.C#21F1' /=' I =11$=' ="' C#CD E %"' 2F'
&F2 / 1.' I Y I =' /=C' CFE$= I ="1C' E%"<.$.C' DF$' 2=C' "%#0
&=F#W' D$.2F1C' =1' DF$' 1%#C' 2=C' D$Y1$=C' D2FE.C' C%#C' 2=#$
#$ / E1 %"' .D CE%DF2=' .1F 1' %#&$ $' M' /%#K2=' KF11F"1'
2F' D%$1=' M' 2F' D2#C' .D%#&F"1FK2=' /=C' E%"<#C %"C' 2'
=WF I "F 1' ="C# 1=' 2F' N#=C1 %"' ="' =22=+ I Y I =' 4'" E%"0
E 2=' "F1 %"F2' .1F 1' $F/ EF2= I ="1' "E% I D.1="1-' C# &F"1'
2# -' D%#$' /.E$.1=$' #"=' <%$ I =' / "C1 1#1 %"' EF"%" N#='
C' / <<.$="1=' /=' E=22=' N#' .1F 1' E%"CFE$.=' DF$' 2F' / CE 0
D2 "=' J."$F2=' /=' 2 J2 C=' =11=' F$J# I ="1F1 %"-' DF$0
<F 1= I ="1' E%"<%$ I =' F12' C="1 I ="1' N#' F" I F 1' 2F' I F0
%$ 1.' /=' 2F' E% I I CC %"-' <1' C#$' =22=' #"=' I D$=CC %"'
U1$QC+& &=' ' 3#&% C "-' N#' C ="' FD=$P#1-' " =CCFLF' DFC'
/=' 2F' E% I KF11$=' ="' <FE=' $ I F C-' F&=E' C%"' .2%N#="E='
OFK 1#=22=' =1' #"' F$1' E%"C% I I .-' 2' "C C1F' <%$1= I ="1'
C#$' 2=' K=C% "' #$J="1' N# F&F ="1' 2F' $F"E=' =1' 2 1F2 ='
/=' C=' $=E$#1=$' / .&YN#=C-' C#$' 2=C' "E%"&." ="1C' N# 2'
L' F#$F 1' M' 2F CC= 1F"1' /=' / %EQC=C' CF"C' / $=E1 %"' CD 0
$ 1#=22=' d .1F 1-' / CF 1+ 2-' #"' EFC' / FKC%2#=' ".E=C0
C 1.' 6' =11=' ".E=CC 1.-' N#' 2 F' E$..=g' $=DF$1 1' ' /='
$%J2 =' ! =C1+E=' DFC' 2 = I D=$=#$' =1' "#22= I ="1' 2='
DFD=-' D# CN#=' 2=' DFD=' F' 1%#1' $.E= I I ="1' D$% I C' F#W'
D$.2F1C' N#' 2#' %"1' .1.' ="&%L.C' M F&%"=' /=' /%""=$'
2=C' "C1 1#1 %"C' F#W' .&YN#=C' "% I I .Cg' 3QC' 2%$C' E% I 0
I ="1' 2 F#1=#$' /=' E=11=' D$.1=" /#=' ".E=CC 1.-' N#' F#$F 1

2=C I %L="C /=2F <F $=E=CC=$ /=I F "-C E=2F 2#
E%"&="F 2-C=$F 1+2 ="< /$% 1 / ="D$%< 1=$g =2F "=C=
D=#1 6 =E%"E 2="=C1F1#=$F 1DFC ="&#=/=D2F $=
M 2=I D=$=#$-<1 %KC=$&=$ 2 F$E2 =&YN#=/= %#$C-2
FJ $F 1="&#=/#K="/=2 J2 C=6 ="=C1DFC 2F
N#=C1 %"-$=D$="F ="1 2=C .&YN#=C %DD%CF"1C$ =22=C1
1%#1F#1$=))C FJ 1/=CF&% $C 2=E%"E 2=C1E%I0
D.1="1 Y I=/F"C 2=EFC %a 2C=$=E%""FZ1$F 1E%I0
D.1="1-2"=CF#$F 1#C=$/=C%" D%#&% $-D# CN#=2=
DFD=-M E=N# 2DF$FZ1-"=$=<#C=DFC 2=C K#22=C 6
"=<<=1-2F N#=C1 %"=C1/=&="#=K=F#E%#D D2#C /<0
<E 2=/=&#C 2F /.D#1F1 %"-$=I F$N#F "F\&=I="1 2=
EF$/"FZ =CEO-EF$ %" D%#&F 1/$=F&F"1&%1$=$=0
1%#$/= F&%"=N#=2=DFD=$=<#CF 1 2=C K#22=C-=1
I F "1="F"1 2D$%I=1/=2=C/%""=$ #CC 2=I D=$=#$
&%#C F+1+2/1 Í d =CC= J"=#$C-&%#C F&=X Kb1 2M #"
d K=2 %#&$FJ=S &%#C " F&=X <F 1" I=C F<<F $=C "
d E=22=C/=2 J2 C=R 5

4" D=#=I KF$$FCC./=E=11=$.&.2F1 %" "F11="/#=-
2.&YN#=/=!F"1=C C%#2=&F 2#+I Y I=M C%" 1%#$#"=
DF$1=/#&% 2=N# /.$%KF 1F2%$C C D$%<%"/.I="1F#W
L=#W/=1%#C 2=C CEQ"=C N# &="F ="1/=C=DFCC=$ M
F&%"= 2FDD$ 1M 2F E%I I CC %" C#D C= N#=-

) :%#$"FZ /= /= $%J2 =.&YN#=/= F"/

‘ ! ‘ ! !

/ FD$QC 2F 1="=#$ / #"= D4$= $.E= I I ="1 .E$ 1= DF$ 2= D$.<=1 /= %"1="%11D- F F "1=1.‘ DF$F CCF 1 I F "0 1="F"1 O.C 1=$ #"" D=#‘ 22= F#$F 1 I Y I = / 1 M ‘ /= OFK$%2S d =#$=#C= I ="1- = " F‘ $ ="" C J".- 5 =1 2 = I D=$=#$ F&F 1 "1=D.1.‘ E=C DF$%2=C E% I I = #"" E% I I ="E= I ="1 /= /.CF&=#‘ "" $.D%"C= M E=22= /= I +$.&.2F1 %"- ="E%$= C ‘ "E% I D2Q1=- 2=C EF$/ "F#W D "F =1 FC=22‘ =1 1%#C 2=C .&YN#=C /= 2F I F %$ 1.‘ /= 2F E% I I CC %"" < $="1 %KC=$&=$ N#= 2=C <2#E1#F1 %"C- / F 22=#$C C ‘ "F1#$=22=C- /# C%#&=$F "" D%"1 <= "= E%"C1 0 1#F ="1 ="" F#E#"= <FP%"" #"" /.CF&=# /%"1 2 <]1 D=$ I C /= C= D$.&F2% $ E%"1$= 2# ‘ 3 #"" 1%"" 1$F"EOF"1 N# ‘ 2# ‘ .1F 1 FCC=X OFK 1#=2- /= F$$F ‘ $.D.1F D2#C =#$C <% C î d &F"1 1%#1- 2 <F#1 CF#&=$ 2 J2 C= =1 2# ‘ /%""=$ /=C .&YN#=C ‘ 6‘ # - /=C .&YN#=C EF1O%2 N#=C- 2# ‘ E$ F+ 1+%"" /= 1%#1= DF$1- I F C "%"" D% "1 /=C .&YN#=C CEO C0 I F1 N#=C %# C=#2= I ="1 /%#1=#W ‘ 6‘ 8# I D%$1= / %a & =""= 2F ".E=CC 1.- / CF 1 /= C%"" Ec1.‘ ‘ 3#&% C "- =1 N# 2 2F <F 22= I D#1=$ C% 1 F# DFD=- C% 1 M 2 = I D=0 $=#$s 22= =W C1=- =1 E =C1 "%1$= /=&% $ =1 "%1$= /$% 1 / L D%#$&% $‘ 5 M+/=CC#C 2=C .&YN#=C /= %$/=F#W =1 /= $%L=C- 2=C EF$/ "F#W D "F =1 FC=22 - 2=C 1 1#0 2F $=C /= F"/ =1 / &$.=- "= I F"N#Q$="1 D% "1 /= C%#1=" $ N#= E=2F I D%$1F 1 K=F#E%#D‘ 2C "C C1Q$="1 M 2 ="&‘ C#$ E=11= E $E%"C1F"E= N#=- dD# CN#= 2= DFD=

) ' ' ! ' ' ' 7 ' 7

E%"C="2F 2 ="" $.F2 1.' M 2 =WD./ 1 %"" /=C K[22=C-' 2F D$.0 1="/#=' ".E=CC 1.' "&%N#.=' M 1%$1' DF$ 2=' C%#&=$F "" "=' D%#&F 1' Y1$=' D$ C=' E% I I =' #"" D% "1' /=' /.DF$1' C#<< CF"1' D%#$ EOF"J=$ 2F / CE D2 "=' J."$F2=' /=' 2 J2 C=5 .&YN#=' /=' %#$C C .2=&F 2%"J#= I ="1' E%"1$=' E=21=' < "" /=' "%"+$=E=&% $

=C /.2 K.$F1 %"C /=' 2F E% I I CC %"" F&F ="1' 1%#$".' #CN# F2%$C /F"C #"" I Y I =' E=$E2=' =1' $=&Y1# D2#1c1' 2F <%$ I =' / #"=' E%"&=$CF1 %"" F" I .=' ' /=' $%J2 =' /= I F"/F =" E=' I % I ="1' 2F D=$ I CC %"" /=' 2 $=' #"" I .0 I % $=' N# 2 F&F 1' $FD /= I ="1' .E$ 1' C#$ 2F I F1 Q$=-' =1' /%"1' 2=' EF"=&FC 2#' F&F 1' .1.' <%#$"' DF$ /=' CF&F"1C 1O.%2%J ="C /=' C%"" / %EQC=' ! %#C " ="" $=D$%/# $%"C F#E#"=' DF$1 =S 2 " ="1$=' DFC /F"C "%1$=' C# =1' /=' I =11$=' ="" CF 22 =' 2=C Ec1.C D#$= I ="1' /%J I F1 N#=C /=' 2F N#=C1 %"' F I F %$ 1.' DF$#1' D2#C N#=' F I F C E%"0 < $ I .=' /F"C C=C $.C%2#1 %"C F"1.$ =#$=C DF$ 2F 2=E1#$=' /=' E=' I . I % $=' F E%"C1=$"F1 %"" .1F 1' =W1$Y I =' DF$ I ' 2=C D$.2F1C /=' 2F E%#$' #"" /=#W C .EOFDDF M / $=' i

) ' :%#$"F2 /=' ' /=' $%J2 =' .& N#=' /=' F"/
' =' I . I % $=' =C1 1%#1' ="1 =$ /F"C 2=C D QE=C #C1 <2EF1 &=C /=' 2 %#0 &$FJ=' /# EOF"% "=' /=' I =1' ` $ ' (_ ' $ ' 15 ' ' !! # ' %$ 6 '))' .1F 1' =" DF$1 =' E% I D%C.' / FD$QC 2=C $=EO=$EO=C /=' ' 2=' /%E1=#$ &F"" /=' ; =2/=' =1' /=' ' LE = F=$1-' F2%$C D$%<=CC=#$ F# C. I "F $=' /=' F"/

F&=$1 ' DF$ 2 "C C1F"E= /= E=C /=#W I=CC =#$C N# 2 F&F 1<F 1 <F#CC= $%#1= =1 E% I I C #"= I D$#/="E= /%"1 2 .1F 1 M E$F " /$= N#= 2 = I D=$=#$ "= 2# ' C]1 I F#&F C J$.- $=& "1 %# M D=# D$QC C#$ 2 =CDQE= / FEN# =CE=0 I ="1 N# 2 F&F 1 /%"". ' M 2F I %1 %"" /= 2 F$E2 =&YN#= /= $Y&=C ' 4CF"1 /= CF D$.$%JF1 &= /= D$.C /="1- 2 / .E2F$F N#= 2F D$%D%C 1 %"" /= 2 .&YN#= /= ! F"1=C /=0 &F 1 Y1$= D$ C= ="" E%"C /.$F1 %"- =1 2F / CE#CC %"" ="" <#1 $= I C= M 2F C.F"E= C# &F"1=

3=D# C N#= C .J=F 1 2F E% I I CC %"" /# I =CCFJ=- F#E#"= E%"J$.JF1 %"" J."$F2= " F&F 1 =# 2 =# ' = E%"E 2= .1F 1 E% I I = C#CD="/# ' = D#K2 E =" .1F 1 #"" D=# C#D C- =1 2=C .&YN#=C 1. I % J"F ="1 N#=2N#= I .E%"1="1= I ="1 /= D=$/$= F "C ' M 7F$ C #"" 1= I DC N# 2C F#$F ="1 D# = I D2%L=$ D2#C #1 2= I ="1 /F"C 2=#$C / %EQC=C ' /= $%J2 = =1 2=C D$.2F1C N# ' &%1F ="1 %$/ "F $= I ="1 F&=E 2# - " %CF"1 F/$=CC=$ M E= C# =1 /=C $= I %"1$F"E=C F# EF$/ "FZ =CEK- I F "0 1="F"1 FCC=X I FZ / CD%C.' D%#$ =#W- ="JFJQ$="1 2 .0 &YN#= /= FL=#W M C ="" =WD2 N#=$ F&=E 2# - =1 M 2# ' <F $= C="1 $ E% I K ="" E=21= C#CD="C %"" /# E%"E 2= .1F 1 =" =22=+ I Y I = D=# E%"&="FK2 ' = EF$/ "FZ =CEC " .E%#2F D% "1 C=C $F C%"C ' &=E #"= <$F"EO C= N# ' /.&% 2F 1 /F"C E=22= E $E%"C1F"E= 2=C D$% =1C /= C%"" "=&=#- 2 / .E2F$F M 2 .&YN#= /= FL=#W N#= 2= E%"E 2=

) ' ' ! ' ' ' 7 ' 7

"=' C %EE#D=$F 1' /=' $ ="' 1F"1' N# 2' "=' C=' C=$F 1' DFC'
D$%"%"E.' C#$' CF' E% I D.1="E=' %#' C%"' "E% I D.1="E=' M'
.1FK2 $' #"' "%#&=F#' I %/=' / "C1 1#1 %"' EF"%" N#=' CF"C'
2=' E%"E%#$C' /#' C%#&=$F "' D%"1 <=' OFE#"' E% I D$ 1'
N#=' E=11=' /.E2F$F1 %"' DF$1F 1' /=' D2#C' OF#1 ' 22=' F %#0
1F 1' ="E%$=' M' 2 I D%$1F"E=' /=' 2F' /.E C %"' N# F22F 1'
D$="/$=' ="< "' 2F' E% I I CC %"' /#' I =CCFJ=

' 2 %#&=$1#$=' /=' 2F' 1$% C Q I =' C.F"E=-' 2=' EF$/ "F2'
=CEO' /%""F' 2=E1#$=' / #"=' 2=11$=' N#' 2#' F&F 1' .1.'
F/$=CC.=' DF$' 2=' I " C1$=' /=C' E#21=C' ' J%1-' F#'
"% I' /=' ! FD%2.%"-' <F CF 1' CF&% $' F#W' I = I K$=C' /='
2F' E% I I CC %"' N# 2C' =#CC="1' F' C=' D$%"%"E=$' I I .0
/ F1= I ="1-' DF$' %#' %#' DF$' "%"-' C#$' 2F' E% I D.1="E='
/#' E%"E 2=' $=2F1 &= I ="1' M' 2 "C1 1#1 %"' EF"%" N#='
=' I " C1$=' F %#1F 1' N#=' 2=' #J= I ="1' N# =22=' D%$0
1=$F 1' /=&F 1' Y1$=' E% I I #" N#.' DF$' 2F' E% I I CC %"' M'
2 = I D=$=#$-' =1' C=$F 1' I I ./ F1= I ="1' /.<.$.' F#' E%"0
E 2=' D%#$' N# 2' C1F1#b1' /.< " 1 &= I ="1' @' %$/$=' .1F 1'
<%$ I =2' =1' D.$= I D1% $=S' ' /=' $%J2 =' "=' #J=F' D% "1'
D$#/="1' /=' $="%#&=2=$' C=C' D$.E./="1=C' %KC=$&F1 %"C'
C#$' E=' N# F&F 1' / "E%"&="F"1' E=11=' "J.$="E=' %#$+'
"F2 Q$=R/#' D%#&% $' E & 2' /F"C' 2=C' /.2 K.$F1 %"C' "1.0
$ =#$=C' / #"=' E% I I CC %"' N#' /=&F 1' " F&% $' F<<F $=-

) ' =11$=' (2F' I " C1$=' /=C' E#21=C' F#' EF$/ "F2' =CEO-' ,' # 22=1') \ ))

C# &F"1' 2# -' N# F#' E%"E 2=' /%"1' C=C' I = I K$=C' .1F ="1'
2=C' I F"/F1F $=C ' =' <#1-2 .&YN#=' /=' %#$"F ' N# ' 2='
D$= I =$' D$ 1' 2F' DF$%2=-' "%"' DFC' ="E%$=' D%#$' FK%$/=$'
2=' <%"/' /#' /.KF1-' I F C' D%#$' <F $=' OFK 2= I ="1' $=C0
C%$1 $' 2=' $c2=' FEE=D1.' DF$' ' 3#&% C "-' =1' 2F' E%"0
1$F "1=' C "J#2 Q$=' N#=-' DF$' &% =' /=' /.2.JF1 %"-' 2'
EO=$EOF 1' M' =W=$E=$' C#$' C=C' E%22QJ#=C ' 2' E% I I ="PF'
/%"E' DF$' 2# ' /= I F"/=$' C 2' .1F 1' K ="' $.=22= I ="1'
2 "&="1=#$' /=' 2F' N#=C1 %"' N# 2' &%#2F 1' M' 1%#1=' <%$E='
<F $=' / CE#1=$' DF$' 2F' E% I I CC %" ' d !F"1=C' K F CF-'
$FE%"1=' ' /= $%J2 =$' I F C' %#$"F ' 2# ' C=$$F' 2=' K%#0
2%"-' =1' 2=' D$ F' /=' &%#2% $' K ="' / $=' C ' CF' I .1FDOLC 0
N#=' .1F 1' /=' 2# ' %a' /=' 2 = I D=$=#$ ' !F"1=C' E%"1 "#F 1'
M' C=' 1F $= ' 2%$C' %#$"F 'F %#1F' í d F C' 2=C' /=#W' D$%+'
d D%C 1 %"C' N#=' &%#C' F&=X' 2#=C' M' "%1$=' $.#" %"' D$.+'
d E./="1=' C%"1+=22=C' F#CC ' /=' 2 = I D=$=#$g' 5 !F"1=C'
="' E%"& "1' D%#$' 2F' D$= I Q$=' $ N#F"1' M' 2F' C=E%"/=-' 2'
KF2F"PF' $ %#$"F ' "C C1F"1-' 2' < " 1' DF$' E%"&=" $' N#='
2=' C%#&=$F '" " F&F 1' =W J.' /=' / CE#CC %"' N#=' C#$' 2F'
D$= I Q$=' 5

=C' F&=#W' I Y2.C' /=' E%"1$F/ E1 %"C' =1Q$="1' #"=
C%$1=' / .KFO CC= I ="1' DF$ I ' 2=C' E%22QJ#=C' /=' ' 3#0
&% C "-' =1' F I ="Q$="1' #"' D=#' /=' &F+=1+& ="1' /F"C

' :%#$"F2' /=' ' /=' $%J2 =-' .&YN#=' /=' F"/

)* ‘ ! ‘ ‘ ‘ 7 ‘ 7

2 %$/$=‘ /=‘ 2F‘ / CE#CC %"‘ =‘ EF$/ "F2‘ =CEO-‘ D$ C‘ /=‘ E% $<-‘ %#K2 F‘ N# 2‘ F&F 1‘ 2F‘ &= 22=‘ /.E /=‘ 2# + I Y I =‘ N# %"‘ /.2 K.$=$F 1‘ / FK%$/‘ C#$‘ 2F‘ N#=C1 %"‘ /=‘ ".E=C0 C 1.‘ D$ I 1 &= I ="1‘ D%C.=‘ DF$‘ 2 .&YN#=‘ /=‘ ! F"1=C-‘ =1‘ I 1‘ F#W‘ &% W‘ E=22=‘ /=‘ 2F‘ E% I D.1="E=‘ %#‘ /=‘ 2 "E% I 0 D.1="E=‘ /#‘ E%"E 2=‘ $=2F1 &= I ="1‘ M‘ 2 "C1 1#1 %"‘ EF"%0 " N#=‘ F‘ I F %$ 1.‘ <#1‘ C‘ ."%$ I =‘ N# 2‘ " L‘ =#1‘ I Y I =‘ DFC‘ K=C% "‘ /=‘ E% I D1=$‘ 2=C‘ C#<<$FJ=C‘ đ 22%"C-‘ / 1‘ 2=‘ D$.C /="1-‘ N#F"/‘ 2=‘ &%1=‘ <#1‘ < " -‘ 1%#1‘ =C1‘ D=$/#-‘ =1‘ 2 = I D=$=#$‘ / CC%#/$F‘ 2=‘ E%"E 2=‘ 5 F$EO=&YN#=‘ /=‘ %#$C‘ =1‘ 2 .&YN#=‘ /=‘ ! F"1=C‘ FDD#LQ$="1‘ C%"‘ / $=-‘ =1‘ "=‘ I ."FJQ$="1‘ I Y I =‘ DFC‘ 2=C‘ CF$EFC I =C‘ M 2=#$C‘ E%20 2QJ#=C-‘ $.D.1F"1‘ N# 2C‘ C FD=$E=&$F ="1‘ 1$%D‘ 1F$/‘ E% I 0 K ="‘ 2=#$‘ $ J%$ C I =‘ O%$C‘ /=‘ D$%D%C‘ C=$F 1‘ <#"=C1=‘ M‘ 2 J2 C=‘ 7%#$‘ .& 1=$‘ /=C‘ / CE#CC %"C‘ "1= I D=C1 &=C-‘ 2=C‘ D$.2F1C‘ %DD%CF"1C‘ "=‘ $.D%"/ $="1‘ D% "1‘ 8#=2N#=C‘ DF0 $%2=C‘ .EOFDD.=C‘ F#‘ D$.C /="1-‘ =1‘ N# F#E#"‘ / =#W‘ "=‘ $=2=&F-‘ N#% N# 2C‘ ="‘ =#CC="1‘ 1%#C‘ <F 1‘ 2=#$‘ D$%< 1-‘ F %#1F ="1‘ F2%$C‘ M‘ 2=#$‘ E%"< F"E=‘ 7="/F"1‘ N#=‘ 2 F$0 EO=&YN#=‘ /=‘ %#$C‘ =1‘ 2 .&YN#=‘ /=‘ ! F"1=C‘ C=‘ 2F I ="0 1F ="1‘ C#$‘ 2F‘ 1%#$"#$=‘ N# F&F ="1‘ D$ C=‘ 2=C‘ /.KF1C-‘ 2=‘ EF$/ "F2-‘ F#‘ <%"/‘ K ="‘ / CD%C.‘ D%#$‘ 7 =‘ -‘ C .1F 1‘ 2F CC.‘ F22=$‘ M‘ / $=‘ M‘ C=C‘ &% C "C‘ î đ D$QC‘ 1%#1-‘ C‘ 2=‘ E%"E 2=‘ /=&F 1‘ /#$=$-‘ %"‘ D%#$$F 1 D=#1+Y1$=‘ $ CN#=$|F‘ JFJ=#$=‘ =1‘ OFCF$/=$‘ 2F‘ /= I F"/=‘ /=‘ 2F‘ /.D#1F1 %"‘ F#

DFD=' CF"C / .E$=1' D$.F2FK2=' R' 5 #W L=#W /=C I = I 0
K$=C /=' 2F I F %$ 1.' /= :F' E% I I CC %"' /# I =CCFJ=-' 2
$.C#21F 1' /=C N#=2N#=C I %1C D$%"%"E.C DF$ 2 %"E2=' /='
2 = I D=$=#$ N#=' E=12.' / CC%2#1 %"' /# E%"E 2=-' /%"1'
=CE2$2=C I ="FPF 1' CF"C E=CC=-' " .1F 1' DFC C' <%$1=0
I ="1' F$$Y1.=' /F"C 2F D="C.=' /=' C%"' "=&=#' 3 CC%#/$='
K$#CN#= I ="1' #"=' FCC= I K2.=' /=' D$.2F1C E%"&%N#.C
F&=E 1F"1' /=' C%2="" 1.-' "=' C=$F 1+E=' D% "1' /=' 2F DF$1'
/# EO=< /=' 2 1F1' / .E2F$=$ M / #" &=$C ="1 =$ N#=' 2=C
.&YN#=C /=' C%"' = I D $=' " F&F ="1' D% "1' &%#2# C='
D2 =$F' C=C &%2%"1.Cg :F I F C 2 = I D=$=#$ "=' &%#/$F 1'
C=' <F $=' #"' DF$= 2' 1%$1' M 2# + I Y I =' ' 1%#1' D$="/$=-'
2=C 7Q$=C /# E%"E 2=-' C' %"' 2=C / CD=$CF 1' & %2= I I ="1-'
" ="' F#$F ="1'DFC I % "C-' F#1F"1' N# 2' / .D="/F 1' / =#W-'
d CF#&.' 2=C /$% 1C /# DFD=-' = I DYEO.' 2=' CEO C I =-' =1'
C ="' $=1%#$"=$F ="1' /F"C 2=#$C / %EQC=C FD$QC F&% $
K ="' I .$ 1.-' DF$ 2=#$ <=$ I =1.-' /=' 2F $=2 J %"' =1' /=' 2F
DF1$ =' 5 =C $.<2=W %"C-' N#=' "%#C 1$%#&%"C /F#C 2='
%#$"F2' /=' ' /=' $%J2 =-' F&F ="1' /%"".' E%#$FJ=' F#W
D2#C 1 I /=C' #$ 2F C=E%"/=' D$%D%C 1 %"' /=' 2 .&YN#='
/=' ! F"1=C-' 2=C O# 1' .&YN#=C %DD%CF"1C E%"1 "#Q$="1'
/%"E M C=' 1=" $' 1$QC+<=$ I =C' d =C $#C=C /=' ! F"1=C-'
D%#$C# 1' 2 .&YN#=' /=' F"/-' 2=C K$#CN#=$ =C /=' %#$C

)' :%#$"F2' /=' ' /=' $%J2 =-' .&YN#=' /=' F"/

K%#1 /2 %DD%C 1 %" N# 2 $="E%"1$F 1 / / "C 2= C= " /2 2F E% I I CC %"- =" E%"& "1 2%LF2= I ="1- =1 CF"C D2#C /= $=1F$/ D$%D%CF / FDD$%#&=$ #"= / .E2F$F1 %" F "C E%"0 P#= í d F E%"J$.JF1 %" DF$1 E#2 Q$= "% I I .= DF$2= E%"E 2= D%#$ $.D%" /$=F# I =CCFJ= /= F F =C1. D="C= N#= 2= E%"E 2=- F&F"1 /= D$%"%"E=$ C#$ 2=C N#=C1 %"C N# 2# C%"1 D$%D%C.=C- FJ CCF"1 / FD$QC 2=C $QJ2=C EF"%" N#=C =1 C# &F"1 E= N# C =C1 D$F1 N#. /= 1%#C 1= I DC /F"C 2 J2 C=- "= D=#1 C= / CD="C=$ /= C%22 E 1=$ /= F F =C1. 2M D=$ I CC %" / ="&%L=$ F# DFD= #"= /.D#1F1 %" N# 2# =WD%C= 2 .1F1 /.D2%$FK2= /=C J2 C=C /= 2 = I D $= <$F"PF C =1 /# $%LF# I = / 1F2 =- =1 N# D# CC= E%"<.$=$ F&=E 2# C#$ 2=C I %L="C / L $= I .0 / =$ 5 = C% $ I c I =- E =C1+M+/ $= 2= ~ # 22=1)*))- 2= EF$/ "F D%$1F M 2 = I D=$=#$ E=11= /.E2F$F1 %" C J".= /= 2# =1 /= 1%#C 2=C I = I K$=C /= 2F E% I I CC %"

F $.E=D1 %" N# F11="/F 1 2= EF$/ "F =CEO M F "1+ 2%#/ "= <#1 DFC / <<.$="1= /= E=22= N#= 2 = I 0 D=$=#$ F&F 1 E%#1# I = /= <F $= M C%" %"E2= N#F"/ 2 E$%LF 1 F&% $ C# =1 /= C =" D2F "/$=)) E% I I ="PF- "%#C / 1 2 FKK. L%""=1- DF$ d C = I D%$1=$ / #"= <FP%" "/.E="1= E%"1$= 2= E%"E 2= R 5 d %" /=CC= "-

) = $! I !5 DF$2 FKK. L%""=1- D$.C="1= I ="1 F$EO=0 &YN#=/ K -1 - D

C .E$ F+1+ 2-‘ .1F 1‘ /=‘ $.1FK2 $‘ 2=C‘ .&YN#=C‘ /F"C‘ 2=#$C‘ F"E ="'"=C‘ D$.$%JF1 &=C‘ I F C‘ D# CN# 2C‘ FJ CC="1‘F "C -‘ =‘ CF#$F ‘ ="‘ 2=C‘ I =11$=‘ M‘ 2F‘ $F C%" R5‘ =‘ EF$/ "F2‘ =CCFLF‘ /=‘ #C1 < =$‘ DF$‘ N#=2N#=C‘ $F C%"C‘ EF"%" N#=C‘ 2F‘ /%E1$ "=‘ /=‘ 2F‘ E% I I CC %"‘ /#‘ I =CCFJ=‘ d‘ "E%$=‘ /=‘ 2F‘ 1O.%2%J =-‘ $.D2 N#F‘ 2 = I D=$=#$‘$ %a‘ 2 F&=X+&%#C‘ FDD$ C=‘Ó F C=X+&%#C‘$ &%#C‘ Y1=C‘ #'"‘ J"%$F"1‘ '"‘ C W‘ I % C-‘ ="‘ &=#W‘ CF&% $‘ D2#C‘ N#=‘ &%#C‘ ‘5 =‘ D$.C 0 /="1‘ /#‘ E%"E 2=-‘ N#‘ " F&F 1‘ DFC‘ 2 OFK 1#/=‘ /=‘ $=E#2=$‘ /=&F"1‘ 2=C‘ "&=E1 &=C‘ /=‘ C%"‘ "=&=#-‘ =1‘ N#‘ C F" I F 1-‘ 2#‘ F#CC -‘ /F"C‘ 2F‘ / CE#CC %"-‘ &%#2#1‘ 2#11=$‘D =/‘ M‘ D =/-‘ E=‘ N#‘ " .1F 1‘ DFC‘ CF"C‘ J."$%C 1.‘ /=‘ CF‘ DF$1-‘ F< '"‘ /=‘ /.<="/$=‘ 2 F& C‘ /=‘ C=C‘ E%22QJ#=C‘ N#=‘ D%#$1F"1‘ 2‘ " F0 &F 1‘ D% "1‘ DF$1FJ.S‘ I F C-‘ E% I I =‘ 1%# %#$C-‘ 2‘ "=‘ <1‘ N# $$ 1=$‘ /=‘ D2#C‘ ="‘ D2#C‘ 2 = I D=$=#$‘ d :=‘ " F#$F‘ DFC‘ 2=‘ /=CC%#C-‘ C .E$ F‘ E=2# +E‘ 8# %"‘ FDD=22=‘ %"1F+‘ 2 &=1‘ %#‘ =$2 " ‘ K‘ ‘ 2F‘ E% I I CC %"‘ &%1=‘ F "C s‘ Ó K ="‘$ =‘ EFCC=$F‘ 2=‘ E%"E 2=-‘ =1‘ 1%#1‘ C=$F‘ < " ‘ :=‘ "=‘ I =‘ C%#E =‘ "#22= I ="1‘ /=‘ E=‘ N#=‘ &=#1‘ %#‘ "=‘ &=#1‘ DFC‘ 2=‘ E%"E 2=‘ ! F + =‘ DFC‘ F#CC‘ I %"‘ E% I 1.‘ $.#" ‘ EO=X‘ 2=‘ J$F"/‘ #J=‘g)) D$%"%"E=$F‘ C#$‘ E=11=‘ N#=C1 %"-‘ =1‘ =‘ I =‘ /.E2F$=$F‘ E% I D.1="1-‘ C# &F"1‘ 2 F& C‘ /=C‘ DO 2%0 C%DO=C‘ =1‘ /=C‘ #$ CE%"C#21=C‘ =C‘ D$.<=1C‘ "% I I =$%"1‘ 2=C‘ E#$.C-‘ 2=C‘ EOFD 1$=C‘ =1‘2=C‘ .&YN#=C‘ ‘2=‘ I .1$%D%0 2 1F "‘ "=‘ &=#1‘ DFC‘ 2=C‘ "C1 1#=$-‘ =‘ <=$ I =$F‘ 2=C‘ C. I +

FDDF$#1' K ="1c1 ' =' DF$1 ' F#N#=2' 2 = I D=$=#$' C F$$Y1F-' N#% N# 2' "=' <]1' ="U 2# + I Y I =' N# #"=' /= I + I =C#$=-' .1F 1-' /F"C' 2=C' E $E%"C1F"E=C' /#' I % I ="1-' 2=' D2#C' CFJ=' D=#1+Y1$=' N# 2' D]1' D$="/$= ' F' C 1#F1 %"' .1F 1' ="' =<<=1' /=C' D2#C' = I KF$$FCCF"1=C' D%#$' ! FD%2.%"-' DF$' C# 1=' /#' I F2O=#$=#W' .1F1' /=' CF"1.' %a' C=' 1$%#&F 1' F2%$C' 2=' D$ C%"" =$ /=' F&%"=' =C/=$" Q$=C' 2=11$=C' $=P#=C' /#' D$.<=1' /=' %"1="%11=' F""%"PF ="1' N#=' 2 F2 ."F1 %"' I ="1F2=' /=' 7 =' ; ' .1F 1' DFCC.=' $ I F C' M' 2 FJ 1F1 %"' /=C' D$= I =$C' %#$C' F&F 1' C#EE./.' #"=' C%$1=' /=' I .2F"E%2 =' 1$F"N# 22=' =' C%#&=$F "' D%"4<=" F0 &F 1' DFC' E=CC.' /=' 1. I % J"=$' 2F' I Y I =' $.D#J"F"E=' M' $=E%""FZ1$=' 2=C' ="JFJ= I ="1C' D$ C' F&=E' 2=C' .&YN#=C' ="&%L.C' D$QC' /=' 2# -' =1' E%"C J".C' DF$' E=#W+E ' /F"C' 2F' "%1=' 2F CC.=' ="1$=' C=C' I F "C ' ' /=' OFK$%2' /%""F 1' 1%#1=<% C' M' ="1="/$=' N#=' 2=' DFD=' D%#$$F 1' #"' %#$' $=&=" $' M' /=C' C="1 I ="1C' D2#C' E%"E 2 F"1C ' &=E' #"' D=#' /=' 1= I DC-' 2' "=' /.C=CD.$F 1' DFC' /=' 2#' <F $=' /=' "%#&=F#' FJ$.=$-' CF#<' /=' 2.JQ$=C' I %/ < EF1 %"C-' 2=C' E2F#C=C' /#' 1$F 1.' /%"1' 2=' D$% =1' 2#' F&F 1' .1.' C%#" C' DF$' 2=C' /.D#1.C' /=' 2 = I D=$=#$' $ M' E=1' .JF$/-' $ ="' " .1F 1' C]$' ="E%$=-' I F C' 2' "E2 "F 1' &=$C' 2F' E%"< F"E=' "' E% I D$="/' N# ="' D$.C="E=' /=' 1F"1' / "E=$1 1#/=C' 2' " =]1' DFC' .1.' D$#/="1' /=' 2F' DF$1' /=' 2 = I D=$=#$' /=' D$%/# $=' #"=' D QE=' N#=' 2=' DFD=' D%#&F 1' %<< E =22=+

* 4 H 7 7

I ="1 / . I ="1 $ =D="/F"1 2 .1F 1 E$#=2 /= " =" <F $=
F#E#" #CFJ= /F"C #" I % I ="1 /= E$ C= C D$=CCF"1-
N#F"/ %" F&F 1 2 =# /= C#DD%C=$- / FD$QC E= N#=
I F"/F 1 2 OFK 2= D$.<=1 /= %"1="%11=- N#Q 2= 1$F 1.
/. M .KF#EO. C=$F 1 D$%EOF "= I ="1 $F1 < . ! FD%2.%"
I FJ "F /= 1%#1 E%"E 2 =$ =" $=E%#$F"1 M #" I %L="
1=$ I = 2 D$ 1 2= DF$1 / F#1%$ C=$ 2=C .&YN#=C /.D#1.C
M F&%"= M DF$2=$ F&=E K=F#E%#D D2#C /= /.1F 2C F#W
" = I K$=C /= 2F E% I I CC %" /= E= N# C .1F 1 DFCC.
D="/F"1 2=#$ &%LFJ= 7%#$ %" E% I D1=- 2 $.C%2#1
/ FJ $ E% I I = C 2 C= 1="F 1 D%#$ FCC#$. /= E=1 FDD$%0
KF1 %" D%"1 < EF2= N#= /= OFK$%2 2# <F CF 1 ="1$=$+
&% $ CF"C %C=$ 2F 2# JF$F"1 $ %" DF$1 F "C D$ C
! FD%2.%" "= <F CF 1 D2#C N#= $="1$=$ /F"C C=C OFK 0
1#/=C =" 1. I % J"F"1 1%#1 M E%#D 2F E%"< F"E= 2F D2#C
=W1$Y I = /F"C 2F $.#CC 1= /# D2F" N# 2 &="F 1 / I 0
D$%& C=$ d ; %#C " Y1=C 1%#C N#= /=C " JF#/C- / 1+ 2-
FD%C1$%DOF"1 /=$=EO=< 2= EF$/ "F2 =CEO ; %#C "=
E%""F CC=X DFC &%1$= D%C 1 %" = C=$F /%"E I % N#
&%#C 1 $=$F / F<<F $= S = &F C 1%#1 F$$F"J=$ 5 7# C
FDD=2F"1 2/ " - C=E$.1F $= / 1F1 /# $%LF# I =
/ 1F2 =- 2 2# / E1F "E%"1 "="1 =1 D$=CN#= CF"C
C F$$Y1=$ 2 .E$ 1 N# %" &F 2 $=

d = $FDD%$1 /= 2F E% I I CC %" /% 1 Y1$= <F 1 C#$
2=C KFC=C C# &F"1=C i)j N#=- 2 = I D=$=#$ FLF"1 2=

/$% 1' /=' "% I I =$' F#W' .&YEO.C' &FEF"1C-' C%"' /$% 1' C=' 1$%#&=' "#2-' C ' 2 "C1 1#1 %"' D=#1' Y1$=' $=<#C.=' DF$' / F#0 1$=C' $F C%"C' N#=' 2=C' EFC' D$.&#C' DF$' 2=' E%"E%$/F1' /=' .%"' G' $ j N#=-' F' F =C1.' FLF"1' $. 1.$.' D2#C =#$C' <%C' 2F' /= I F"/=' /=' 2 "C1 1#1 %"' EF"%" N#=-' N#' F' .1.' $=<#C.=-' =22=' F' D#' Y1$=' F#1%$ C.=' M' $=JF$/=$' 2=' E%"0 E%$/F1' E% I I =' "%"' =W C1F"1-' =1' M' $.#" $' #"' E%"E 2=' D%#$' N# 2' D%#$&]1' M' "C1 2#1 %"' EF"%" N#=' /=C' .&YN#=C$' K' N#=-' 2=' E%"C= 2' /=C' .&YN#=C' $.#" C' M' 7F$ C' =1' E%"C#21.C' C#$' E=C' I F1 Q$=C' DF$' F' F =C1.' FLF"1' %K1="#' / ="&%L=$' F#' DFD=' #"=' /.D#1F1 %"' /=' N#F1$=' .&YN#=C-' E=22=' /.D#1F1 %"' F' 2=&.' 1%#1=C' 2=C' / << E#21.C-' N#=' 2=' D%D=' F' /F J".' ="1$=$' /F"C' 2=C' K=C% "C' /=' 2 J2 C=-' =1' N# 2' F-' /F"C' E=C' E $E%"C1F"E=C-' <%$ I =22= I ="1' D$% I C' 2 "C1 1#1 %"' D%#$' 2=C' .&YEO.C' &FEF"1C-' =1' FDD$%#&.' 2F' E2F#C=' N#=-' C -' /F"C' 2 =CDFE=' /=' C W' I % C-' 2#' %#' C=C' C#EE=CC=#$C' "=' /%""F ="1' DFC' 2 "C1 1#1 %"' F#W' .&YN#=C-' 2=' I .1$%D%2 1F '" 2F' /%""=0 $F 1$' E=2F' .1F"1-' 2=' K#1' /=' 2 = I D=$=#$' C=' 1$%#&=' $= I 0 D2 -' 2=C' .&YEO.C' /=' C%"' = I D $=' "=' D%#&F"1' D2#C' $=C1=$' &FEF"1C$' 2 = I D=$=#$' &%#2F 1' 1$% C' I % C-' 2=' DFD=' ="' /= I F"/F 1' C W' =11=' / <<.$="E=' " .1F"1' DFC' /=' "F1#$=' M' <F $=' $% I D$=' 2 F$$F"J= I ="1' /. M' E%"E2#-' 2' $=C1F 1' M $%D%C=$' F#' E%"E 2=' 2=' /.E$=1' E + % "1-' 2=N#=2-' .1F"1' F/%D1.-' C=$F 1' D$.C="1.' DF$2=' E%"E 2=' ="' E%$DC' M 2 = I +

D=$=#$' D%#$ 2=' $= I =$E =$ =1' 2=' C#DD2 =$ / FDD$%#&=$ 2=' / .E$=1' C# &F"1' =1' /=' 2=' 1F $=' D#K2 =$ E% I I =' 2% ' /=' 2 1F1

d =' E%"E 2=' / .E$Q1=' i

d)k 8#=' 2=C .&YEO.C "=' D=#&="1' $=C1=$ &FEF"1C D2#C / #"' F"' D%#$ 1%#1' / .2F -' =1' N#=' /F"C E=1' =CDFE=' /=' 1= I DC N "% I "F1 %"-' 2 "C1 1#1 %"' =1' 2F' E%"C.E$F1 %"' /% &="1' F&% $ 2 =# á ĵ N#=-' 2 = I D=$=#$ "% I I =$F' E%"0 <%$ I . I ="1' F#W E%"E%$/F1C M 1%#C 2=C C QJ=C &FEF"1C$ ĵ N#=-' C W I % C FD$QC 2F' "% I "F1 %"' <F 1=' DF$ 2 = I 0 D=$=#$ D%#$ 1%#1' / .2F -' 2=' DFD=' /%" "=$F' 2 "C1 1#1 %"' EF"%" N#=' $,k N#=-' 2=C C W I % C =WD $.C-' 2=' I .2$%D%+' 2 1F "' C=' 1$%#&=' "&=C1 ' DF$ 2F' E%"E=CC %"' I Y I =' <F 1=' DF$ 2=' DFD=-' =1' /=&$F' D$%E./=$ M 2 "C1 1#1 %"' EF"%0 " N#=' =1' M 2F' E%"C.E$F1 %"$ `~' N#=' 2=' D$.C="1' /.E$=1' C=$F' C%# I C M 2 FDD$%KF1 %"' /=' 2 = I D=$=#$ D%#$ Y1$=' D#K2 .' E% I I =' 2% ' /=' 2 1F1' $ k N#=' F' F =C1.' C=$F' C#DD2 .=' DF$ 2=' E%"E 2=' /=' D=$ I =11$=' M #"=' /.D#1F1 %"' / .&YN#=C /=' C=' $="/$=' F#D$QC /# DFD=' D%#$ 2=' $= I =$E =$ / F&% $ DF$ E=21=' E%"E=CC %"' I C #"' 1=$ I =' F#W I F#W /=' 2 J2 C=' 5

d I D%$1=X E=2F-' / 1' ! FD%2.%"' F# EF$/ "F2 =CEO N#F"/' 2 =#1' < "' /=' / E1=$-' =1' I F "1="F"1' 1%#1' =C1' FD2F" ' 5 =' D$.C /="1' /# E%"E 2=' =1' 2 .&YN#=' /=' ! F"1=C-' <$FDD.C / .1%""= I ="1' F#1F"1' N#=' / F/ I $F+

C# 1=' 2' F""%"PF' N# 2' C=' $.1$FE1=$F 1' M' 2F' C.F"E=' /#' 2="/= I F "' R

=C' E%"< /="E=C' N# .EOF"J=F ="1' m/F"C' CF' D$%D$= OFK 1F1 %"' 2=C' I = I K$=C' /=' 2 F"E =""=' I F %$ 1.' /=' 2F' E% I I CC %"' FJ $="1+=22=C' C#$' 2F' E%"& E1 %"' /#' D$.C 0 /="1' /#' E%"E 2=' =1' < $="1+=22=C' "FZ1$=' ="' 2#' N#=2N#=C' CE$#D#2=Cg' !%#C' "=' CF&%"C' %# %#$C' =C1+ 2' N# M 2 %#&=$1#$=' /=' 2F' C.F"E=' /#' 2="/= I F "' 2=' EF$/ "F2' =CEO-' C F/$=CCF"1' M' C=C' E%22QJ#=C' F&=E' #"=' 2%LF#1.' / J"=' /=' 1%#1' .2%J=-' 2=#$' / 1' ĭ d@:=' CF C-' I =CC= J"=#$C-' N#=' D2#C =#$C' / ="1$=' &%#C' %"1' 1. I % J".' /#' $=J$=1' /=' 2=#$' &%1=' / O =$' % I I =' $ ="' "=' /% 1' C=' <F $=' E' DF$' C#D C=-' I F C' 1%#1' DF$' E%"& E1 %"-' =' $= I =1C' 2F' N#=C1 %"' C#$' 2=' 1FD C-' =1' $=JF$/=' E% I I =' "%"' F&="#' E=' N#' F' .1.' D$.E./= I I ="1' /.E /.' 5' =' EF$/ "F2' D "F' / 1' F2%$C' N# ="' =<<=1' 2' F&F 1' .D$%#&.' /=C' F2F$ I =C' F# C# =1' /=' C%"' %D " %"' /=' 2F' &= 22=' d' 2' F&F 1' E%"C#21.-' =1' 2' F&F 1' FDD$ C-' E=' N# 2' J"%$F 1' FKC%2# I ="1-' N# #"=' 2%' /=' 2 1F1' .1F 1' #"=' EO%C=' < W=' =1' %K2 JF1% $=' D%#$' 1%#C' 2=C' C# =1C' /=' 2 = I D=$=#$-' L' E% I D$ C' 2=C' .&YN#=C' 2' "=' D%#&F 1' /%"E' E%"C="1 $' M' /= I F"/=$' N#=' 2=' /.E$=1' D$% =1.' /=&Z"1' 2%' /=' 2 1F1' 1F"1' F$EO=0 &YN#=' =1' EF$/ "F2- 2' "=' C =WD%C=$F 1' D% "1' M' E=' N#=' 2=

‘ ! ‘ ! ! `

DFD=‘ 2# ‘ $=D$%EOb1‘ #"‘ %#$‘ /=‘ 2 F&% $‘ 2 .‘ DF$‘ #"‘ DF$= 2‘ / . E$=1‘ 2‘ $. 1$FE1F 1‘ /%"E‘ C%"‘ &%1=‘ =‘ EF$/ "F2‘ FC=22‘ DF$2F‘ =WFE1= I ="1‘ /F"C‘ 2=‘ I Y I =‘ C=‘ C‘ . &YN#=‘ /=‘ %#$"F‘ / . D%CF‘ . JF2= I ="1‘ C#$‘ 2=‘ K#$=F#‘ CF‘ $. 1$FE1F0 1 %"‘ <%$ I =22=‘ d =# 22=X‘ "%#C‘ ="‘ /%" "=$‘ 2=E1#$=-‘ 5 2#‘ / 1‘ 2=‘ EF$/ "F2‘ =CE2 ‘ =11=‘ $. 1$FE1F1 %"‘ /=‘ ‘ $"‘ D$%/# C 1‘ #"‘ J$F"/‘ =<<=1-‘ EF$‘ =22=‘ . 1F 1-‘ F#‘ / $F‘ /=‘ ‘ /=‘ $%J2 =-‘ 1$QC+<%$1= I ="1‘ I %1 &. =‘ =C‘ . &YN#=C‘ /=‘ $%L=C‘ =1‘ / &$. =‘ C =WD$ I Q$="1-‘ M‘ D=#‘ D$QC‘ /F"C‘ 2=C‘ I Y I =C‘ 1=$ I =C‘ &=E‘ #"=‘ I DF$1 F2 1.‘ . & /="1=‘ N#‘ . 1%" "F‘ #"‘ D=#‘ 1%#1‘ 2=‘ I %"/=-‘ 2=‘ EF$/ "F2‘ =CEO‘ C=‘ I 2‘ M‘ $=E#= 22 $‘ C#EE=CC &= I ="1‘ 2=C‘ C#<<$FJ=C‘ N#‘ $. /# CF ="1‘ M‘ " . F"1‘ 2F‘ / . E C %"‘ D$ C=‘ 2F‘ &= 22=-‘ /F"C‘ 2FN#=22=-‘ D%#$‘ C%"‘ E% I D1=-‘ 2‘ / . E2F$F‘ 1%#1=<% C‘ D=$C C0 1=$‘ F‘ DF1 ="E=‘ /=‘ 2 F$EO=&YN#=‘ /=‘ %#$C‘ "=‘ C#DD%$1F‘ DFC‘ F#CC‘ K ="‘ E=21=‘ $#/=‘ . D$=#&=‘ d %#1‘ E=2F‘ " =C1‘ N# FKC#$/ 1.‘ Ś C . E$ F+1+ 2‘ 6‘ %"C= J"=#$-‘ $. D2 N#F‘ ‘ /=‘ $%J2 =-‘ E =C1‘ D=#1+Y1$=‘ 2M‘ #"‘ E% I D2 I ="1-‘ I F C‘ M‘ E%#D‘ C]$‘ E=‘ " =C1‘ DFC‘ #"‘ F$J# I ="1‘ 5 ‘ /=‘ F$$F‘ =1‘ 3#&% C "‘ J. I CCF ="1‘ =1‘ C=‘ 2F I ="1F ="1‘ =‘ /=$" =$‘ F22F‘ I Y I =‘ #CN# M‘ / $=‘ N#=‘ 2=‘ CEO C I =‘ F22F 1‘ K ="1c1‘ E% I I ="E=$-‘ =1‘ N#=‘ E=#W+2M‘ ="‘ C=$F ="1‘ EF#C=‘ N#‘ " F&F ="1‘ DFC‘ &%#2# FEE=D1=$‘ 2=‘ / . E$=1‘ d 1$F"J=C‘ CEO C I F1 N#=C-‘ < 1‘ %KC=$&=$ ‘ /=‘ $%J2 =-‘ N#=‘ E=#W N#‘ C%"1‘ / F& C‘ /=‘ C#CD="/$=‘ 2F‘ / . E C %"‘ /# E%"E 2=

8#F"/' 2=' I % I ="1' <#1' F$$ &.' D%#$' 2F' E% I I CC %"' /=' <F $=' DF$1' M' 2 = I D Q$=#$' /#' EOF"J= I ="1' N#' &="F 1' /=' C %D.$=$' /F"C' C%"' C= "-' 2 = I KF$$FC' /=& "1' & C K2=' DF$ I ' 1%#C' 2=C' I = I K$=C ' d :=' C# C' D%#$' E=2F' D2#C' I F2' EF I D.' N# #"' F#1$=-' / 1' FCC=X' "FV&= I ="1' 2=' EF$/ 0 "F2' =CEK' -' EF$' O =$' F#' C% $' ="E%$=' F' / 1' M' F "1+' 2%#/' N#=' 2=' / .E$=1' DFCC=$F 1' M #"=' J$F"/=' I F %$ 1.' 5 2' D$%D%CF' /%"E' M' 2 F$EO=&YN#=' /=' %#$C' =1' F#W' .&YN#=C' /=' $Y&=C' =1' /=' ! F"1=C' /=' C=' :% "/$=' M' 2#' $ 2C' /.E2 "Q$="1' 1%#C' 1$% C' CF' D$%D%C 1 %"' d O' K ="' -' $=DF$1 1' 2=' EF$/ "F2-' $F' /%"E' 1%#1' C=#2$' I F C' =' "=' $.D%"/C' "#22= I ="1' /=' E=' N#' F$$ &=$F' %#C' D%#$0 $ =X' K ="' -' I =CC= J"=#$C-' F&% $' D$%"%"E.' 2F' / CC%2#0 1 %"' /#' E%$ E 2=' 5 =11=' D=$CD=E1 &=' " =<<$FLF 1' N#=' I./ %E$= I ="1' ' /=' $%J2 =' =1' C=C' E%22QJ#=C' /=' %D-' D%C 1 %"

=' 2="/= I F "' /=' E=11=' C.F"E=-' 2F' C#D C=' /=C' I = I K$=C' /=' 2F' E% I I CC %"' <#1' FCC=X' J$F"/=' N#F"/' 2=#$' D$.C /="1' 2=#$' $FE%"1F' N#=' 2 = I D=$=#$-' /=&="#' ' M' ' FCC=X' ' F#' " ' /=' 2 F<<F $=' N#' ' F&F 1' 1F"1' . I #C-' 2#' F&F 1' C=#2= I ="1' / 1' Í d 7% "1' /=' E $E%"2%E#1 %"C-' =1' <F 1=C+ I %' "=11= I ="1' E%""FZ1$=' E=' N# F' /.E /.' 2F' E% I I CC %"' $ 5 D# C' 2' F&F 1' .E%#2.' =CEO' CF"C' O# I =#$' d 3=' C%$1=-' F %#1F' JF = I ="1' 2=' EF$/ "F2' ="' C=' 1%#$"F"1' /=' 2=#$' Ec1.-' N#=' I =CC= +

J =#$C /= %#$C= /= $Y&=C =1 /= ! F"1=C /% &="1 C= $=D="1 $ F# %#$/ O# ' /= "= I F&% $ DFC FEE% I DFJ". ' 6 ' 2 =C1 &$F -= $.D%"/ 1 ' /= F$$F -= N#= "%#C " F0 &%"C DFC .1.' 1$QC+K$F&=C-= 5 =1 E=21= $= I F$ #= /.$ /F 1%#C 2=C & CFJ=C ' 2C C= $= I K$#" $="1 #"= D=# N#F"/ 2= EF$/ "F2 F %#1F N#=-= C ' 2 = I D=$=#$ " F&F 1 DFC .E2F1.-= 2 "= C ="= .1F 1 DFC I %"1$.' D%#$ E=2F D2#C CF1 C<F 1 / #"= /.E C %"= N# ' 2 %<<="CF 1 J$F&= I ="1 d O K ="-= F&F 1+ 2 / 1-= D# CN# 2 ="= =C1 F "C -= F ' I F E% I I CC %"= N# ' C FCC= I K2= EO=X 2= J$F"/ #J=S $F ' =O F&F"1-= C ' = 2= &=#W-= =1 /QC /= I F "= = / CC%#/$F ' 2= E%"E 2= ' 5 =CEO 2# ' F&F 1 F2%$C $=D$.C="1.' 1%#C 2=C "E%"&." ="1C /= E=22= I =C#$= ' .1F 1 2# ' N# ' F&F 1 E%"&%N#.' 2= E%"E 2=S E .1F 1 2# ' N# ' 2# ' F&F 1 C%# I C 2F N#=C1 %"= /= 2 "C1 1#1 %"= EF"%" N#= ' F E% I I C0 C %"/# I =CCFJ= F&F 1 /%"".' C%"= F& C-= I F C 2= E%"0 E 2= D%#&F 1 ="= F/%D1=$ #"= F#1$= ' = I D=$=#$ C .1F 1 $="/# M E=C $F C%"C ' 2 F#1%$ C=$F 1 2F E%"J$.JF1 %"= J.".$F2=-= C#CD="/#= #CN# F2%$C-= M C= $.#" $ /= "%#0 &=F#S 2 &%#2F 1 C=#2= I ="1 N#= 1%#1 <]1 /.E /.' F&F"1 2= / I F"EO= C# &F"1-= 2 ' # 22=1 ' = EF$/ "F2 F&F 1 OFCF$/.' N#=2N#=C %K =E1 %"C ' d F C ="E%$=-= N# =C2+ E= /%"E N# ' /.D2FZ1 2= D2#C F#W .&YN#=C /F"C 2= /.0 E$=1g 5 = EF$/ "F2 $.D%"/ 1 N#= E .1F 1 2F /= I F"/= N# 2 <]1 E%"&=$1 ' ="= 2% ' /= 2 1F1 ' d ' E=2F 2=C JY"=

, ‘ ‘ ! ‘ ‘ ‘ 7 ‘ 7

=1‘ &.$ 1FK2= I ="1‘ F#CC‘ "/ J"=‘ /=‘ 2F‘ E% I I CC %"“ N#‘ 2 F&F 1‘ D$.DF$.=‘ N#=‘ /#‘ E%"E 2=‘ F#N#=7‘ =22=‘ F22F 1‘ Y1$=‘ D$.C="1.=

F‘ E%"J$.JF1 %"“ J."$F2=‘ /#‘) ‘ # 22=1-‘ 2F‘ /=$" Q$=‘ N# F 1‘ 1="#=‘ 2=‘ E%"E 2=-‘ C %#&$ 1‘ E% I I =‘ M‘ 2 %$/ "F $=‘ DF$‘ 2F‘ 2=E1#$=‘ /=C‘ D$%EQC+&=$KF#W‘ /=C‘ C.F"E=C‘ D$.0 E./="1=C‘ ‘ E=‘ C# =1‘ C ="JFJQ$="1‘ N#=2N#=C‘ / CE#C0 C %"C‘ N#‘ "=‘ <#$="1‘ DFC‘ CF"C‘ I D%$1F"E=‘ "‘ CF"C‘ F J$=#$-‘ I F C‘ /%"1‘ 2 "1.$Y1‘ Db2 1‘ /=&F"1‘ 2F‘ J$F"/=‘ N#=C1 %"“ /#‘ I % I ="1‘ O=#$=‘ .1F 1‘ FCC=X‘ F&F"E.=‘ /.M‘ N#F"/‘ 2 .&YN#=‘ /=‘ %#$"F‘ /%""F‘ 2=E1#$=‘ /=‘ C%"“ $FDD%$1‘ % I I =‘ 2‘ .1F 1‘ .E$ 1‘ CF"C‘ .2.JF"E=‘ =1‘ CF"C‘ & J#=#$-‘ 2‘ "=‘ D$%/# C 1‘ DFC‘ J$F"/‘ =<<=1‘ .&YN#=‘ / &$.=‘ ="“ /%""F‘ D%#$‘ C=C‘ E% I DF1$ %1=C‘ #"=‘ 1$F/#E0 1 %"“ 1F2 =""=‘ F21 1#/=‘ /=C‘ 7Q$=C‘ /#‘ E%"E 2=‘ D="0 /F"1‘ E=11=‘ /%#K2=‘ 2=E1#$=‘ 1$FO CCF 1‘ #"=‘ E=$1F "=‘ O.C 1F1 %"‘ ‘ /=‘ $%J2 =-‘ /F"C‘ 2=‘ %#$"F2‘ N# 2‘ F‘ D$ C‘ C% "“ / .E$ $=‘ ="“ C%$1F"1‘ /=‘ EOFN#=‘ C.F"E=-‘ 1. I % J"=‘ $=CC="1 $‘ K=F#E%#D‘ / "N# .1#/=‘ C#$‘ 2 CC#=‘ D$%KFK2=‘ /=‘ 2F‘ / CE#CC %"‘ 2‘ C= I K2=‘ $=/%#1=$‘ N#=‘ 2F‘ <=$ I =1.‘ /=‘ 2F‘ E%"J$.JF1 %"“ J."$F2=‘ "=‘ C=‘ I F "1 =""=‘ DFC‘ F#‘ " &=F#‘ /=‘ E=22=‘ N# F&F 1‘ /.D2%L.=‘ ="“ /=$" =$‘ 2 =#‘ 2F‘ E% I I CC %"“ /#‘ I =CCFJ=‘ 3F"C‘ E=11=‘ D=$C#FC %"“ =1‘ /=‘ E%"E=$1‘ F&=E‘ C=C‘ E%22QJ#=C‘ %DD%CF"1C-‘ 2‘ F&F 1‘ F$$Y1.‘ #"“ D2F"“ /=‘ E%"/# 1=‘ N#‘ D$%#&=‘ FCC#$. I ="1

, , ' ' ! ' ' ' 7 4 ' 7

.JF2= I ="1' %$/%"".' C%"" F$$=C1F1 %" ' =' &."$FK2=' D$.2F1' 2=' CF&F 1-' ='1' C=' 1="F 1' /. M' D$Y1S' E% I I =' M' C%"" %$/ "F $=-' ' F&F 1' &%#2#' F22=$' / $=' CF' I =CC=' M F "1+ #2D E=-' ='1' 1%#1' F#CC 1c1 ' .1F 1' $."1$.' EO=X' 2#' F< "" N#=' 2=C' J="/F$ I =C' 2 L' 1$%#&FCC="1-' C 2P' 2#' <F CF ="1-' / CF 1+ 2-' 2 O%""=#$' /=' 2=' &=" $' EO=$0 EO=$S' I F C' 2C' "=' DF$#$="1' D% "1' ' =' /#E' /=' %& J% " F&F 1' DFC' &%#2#' FEE=D1=$' E=11=' I CC %"' d $=-' ' "=' <F#1' DFC' 1%#EO=$' M ' / & F#-' C .1F 1+ ' .E$ .S' E =C1' #"" CF "1-' ='1' "%#C' F#$ %"C' 1%#1' 2=' I %"/=' E%"1$=' "%#C' 5

=C' & %2="1=C' I =C#$=C-' C' C%#/F "= I ="1' D$ C=C' DF$' 2 = I D=$=#$-' <F CF ="1' #"" .1$F"J=' E%"1$FC1=' F&=E' 2=' EF2 I =' &$F' %#' F<<=E1.' N# ' F&F 1' I %"1$.' N#F$F"1=+' O# 1' O=#$=C' F#DF$F&F"1' F#' EF$/ "FZ' =CEO' F"/ C' N#=' 2=C' .&YN#=C' %DD%CF"1C' E$F J"F ="1-' F#' / $=' /=' ' /=' $%J2 =-' /=' "=' DFC' 1$%#&=$' #"=' C#<< CF"1=' FCC C1F"E=' /F"C' 2=C' / CD%C 1 %"C' FCC=X' /.E%#$FJ.=C' /=' 2=#$C' E%22QJ#=C' /#' E%"E 2=' ! FD%2.%"" .2F ' F#' E%"0 1$F $=' =<<$FL.' /=C' %KC1FE2=C' N# %DD%C=$F 1' M C=C' /=C0 C= "C' 2=#$' "& "E K2=' %KC1 "F1 %"-' %#' K ="" E./F 1+ 2-' E% I I =' ' 2#' =C1' DF$<% C' F$$ &.-' M' 2 = I D%$1= I ="1' / #"=' DFCC %"" $$.<2.EO =' ='1' M' 2 ="& =' /=' C=' &="J=$' M 1%#1' D$ W' /=C' ="""# C' N#=' 2#' EF#CF ="1' / "E% I I %/=C' F/&=$CF $=Cg' ! %#C' "=' &%#2%"C' OFCF$/=$' M' E=' C# =1

F#E#"=' E%" =E1#$=' =' " =C1' DFC' 2F' 2bEO=' /=' 2 C2% $=' / =WD2 N#=$' E=' N# 12' L' F' /=' I % "C' =WD2 EFK2=' F#' I %"/=-' E =C1+M+/ $=' 2=C' "E%O.$="E=C' / #"' J$F"/' J." =' /.&%L.' =' N#' =C1' E=$1F "-' E =C1' N#=' 2=' C% $' I c I =-' M' $ F"%"-' %a' 2F' E%#$' $.C /F 1' F2%$C-' 2' FEE#= 22 1' 1$QC+ I F2' 2=' EF$/ "F2' =CEO' N#F"/' E=2# E' & "1' OFCF$/=$' N#=2N#=C' $=D$.C="1F1 %"C' C#$' 2=' <bEO=#W' =<<=1' N# F22F 1' D$%/# $=' 2F' / CC%2#1 %"' /# E%"E 2=' 3=&F"1' 2 FCC C1F"E=' .1%"".=-' 2 = I D=$=#$' FEE#CF' D#0 K2 N#= I ="1' C%"' %"E2=' / F&% $' C%#$/= I ="1' C=E%"/.' 2=C' D2F"C' /=' 2 %DD%C 1 %"-' =1' F&=E' #"' = I D%$1= I ="1' "E$%LFK2=-' CF"C' 2F CC=$' F# D$.C /="1' /# E%"E 2=' 2=' 1= I DC' /=' C=WD2 N#=$-' 2' /%""F' E%#$C' F#W' D2F "1=C' 2=C' D2#C' & &=C' =1' F#W' D2#C' F I Q$=C' $.E$ I "F1 %"C' d :=' CF#$F' K ="-' / 1+ 2' ="' 1=$ I "F"1-' =' CF#$F' K ="' I =' DFCC=$' /=' &%C' .&cN#=C' 3 1=C+2=#$' N#=' =' "=' &=#W' D2#C' ="1="/$=' DF$2=$' / =#W' =' C%"1' /=C' J"%$F"1C-' /=C' ="1Y1.C-' N#' "=' C=' E% I D$="="=1' DFC' ="W+ I c I =C' ' DF$1' 3#&% C "-' F$$F -' F""FL-' N#' C%"1' D%#$' I % -' %a' C%"1' 2=#$C' 1O.%2%J ="Cg' # -' I %' C%2/F1-' ="<F"1' /=C' Eb I DC' =1' /=C' K &%#FEC-' ="' CF C' F#1F"1' N# =#W' =1' D2#C' N# =#W ' 1' &%#C-' " F&=X+&%#C' DFC' EOF"J.' I 22=' <% C' / %D " %"g' 2 " L' F' DFC' C W' I % C' N#=' &%#C' D="C =X' E% I I =' "%#C' &=X+&%#C' /%"E' %#K2 .' 2F' 2=11$=' N#=' &%#C' F&=X' .E$ 1=' M' F&%"=g' F C' N"=2' <%"/' D=#1+%"

[! 7 7

F I F <F $ C#$ &%#C@ 5 2=" /= I F " E .1F 2 F$0
EO=&YN# / F2 "= N# F$$ &F M C%" 1%#$ M $ F"%"
F< " / DF$2=$ M 2 = I D=$=#$ / 2 .&."= I ="1 N# <F CF
2 C# =1 / 1%#1= 2= E%"&=$CF1 %"C- N#% N#=- K ="
="1=" /#- 2 " =" 2]1 DFC / 1 #" I %1 /F"C 2=C <=# 22=C
D#K2 N#=C F CC%"C M / 7$F/1 2 C% " / $FE%"1=$
2# + I Y I E=22 CEQ"=- /F"C 2FN#=22 2 "=2F CC DFC /
%#=$ F#CC C%" $c2=

d :=" F&F C DFC .1. DF$1 CF"- / 1 / 7$F/1-
/ #"= E%"&%EF1 %" + +U6 $ /# E%"E 2=$ = 2 .1F C
="E%$= I % "C / #"= / CC%2#1 %" < 3 $ ' =C D$.0
E D 1F1 %"C =1 2=C & %2="E=C "= I %"1 F I F C DF$# <%$1
#1 2=C =" F<<F $=C- =1 C#$1%#1 /F"C 2=C F<<F $=C / J2 C=
2=C D2#C / << E 2=C /= 1%#1=C 2=C F<<F $=C %#&="1
="5 F&F C <F 1 /=C $=D$.C="1F1 %"C F# I " C1$= /
2F D%2 E= / F2%$C- 2= /#E /= %& J% 2 .1F 1 F&=E
I % M $ F"%" 3QC N#= ! FD%2.%" "%#C FD=$P#1-
2 & "1 M J$F"/C DFC d O $ N#= &%#C 2=C E%"0
"F CC=X K ="s I = / 1+ 2 :=- I F$EOF C C#$ #" FKZ I =
CF"C I =" FD=$E=&% $- F D2#C J$F"/= <F#1= N#=
F = <F 1=- E =C1 2= E%"E%$/F1 (= 2= CF&F C /=D# C
2%"J1= I DC S 2C I %"1 Jb1. I =C 1F2 ="C ! = DFC &%#2% $

J $! I !5 DF$ 2 FKK. L%""=1- D$.C= 1= I =31 F$EO=0
&YN#= / 2K - 1 - D ,)

2F"PF 1' DF$+/=CC#C 2F 1Y1=' /=' ! FD%2.%"' /=C $=JF$/C /%
C#D C=' =2# +E' $% I D 1' C%"' C 2="E=' ='' $.D.1F"'1'
D2#C =#$C <% C í d "' "=' $=E#= 22=' N#=' E=' N#=' 2 %"' F'
d C= I .-' 2=' E%"E%$/F1' =C1' 2F D2#C J$F"/=' <F#1=' /=' I F'
d & ='5 =E' D=#1' DF$FZ1$=' .1$F"J=-' "&="1.-' C#$1%#1' M
N#' " F DFC E%""#! FD%2.%"' $ =2' K ="-' M 2F & =' =1' M 2F
I %$1-' ='' 2F D$.C="E=+' E% I I =' ='' 2 FKC="E=' /=' ! FD%0
2.%"-' =' " ='' $=1$F"EO=$F' DFC #"=' CL22FK=' 5

F / CC%2#1 %"' /# E%"E 2=' "=' < 1' DFC / FK%$/' J$F"/'
=<<=1' =C /.2 K.$F1 %"C F&F ="1' .1.' 1="#=C <%$1' C=0
E$Q1=C' 7FC #"' %#$"F2' F F&F 2' =# D=$ I CC %"' / ='
DF$2=$' =' I %"/=' =EE2.C FC1 N#=' F&F 1' =# C=#2' E%"0
"F CCF"E=' /=C %$FJ=#C=C / CE#CC %"C N#' F&F ="1' 1$%#0
K2.' 2=C /=$" Q$=C C.F"E=C' 7F$ I' 2=C <%"E1 %""F $=C
2=C D2#C E%"C /.$FK2=C /=' 2 1F1-' 1$QC+D=# F&F ="1' .1.'
I CF s' E%#$F"1' /=C %KC1FE2=C I D$.&#C N#=' 2=C &%2%"0
1.C I D.$ F2=C' F&F ="1' $="E%"1$.C F'' C=" /=' 2F
E% I I CC %"' /# I=CCFJ=' F "%#&=22=' /=' 2 F$$=C1F2 %"

)' ' /=' 7$F/1-' ' ' C$ ' ' ! ' '1'))-' D' ,B ' 6'
3F"C 2=C "%1=C / E1.=C M F "1=+ .2Q"=-' 2 =" D= +="$' F' D$ C' C% "' / F<0
< $ I =$' N# 2' " F&F 1' DFC' D$%""%"E.' E=C' DF$%2=C' í d =' E%"E%$/F1' =C1' 2F'
D2#C' J$F"/=' <F#1=' /=' I %"' $QJ"='5 !%#C' F&%"C' =#' D2#C' / #"=' %EEF0
C %"' /=' E%"C1F1=$ N#=' ! FD%2.%"-' DF$' / C1$FE1 %"-' DF$' %#K2' %#' M /=C0
C= "-' .1F 1' 2% "' / F&% $' / 1' 1%#1=' 2F' &. 1.' /F"C' C=C' I .I % $=C' ' /='
7$F/1-' N#% N#=' C=C' FCC=$1 %"C' C% ="1' C' D%C 1 &=C' M' E=' C# =1-' " =C1' DFC'
"%"' D2#C' #"' 1. I % "' $$.E#CFK2=' =' 2=E1=#$' D$%"%"E=$F

/=C 1$% C D$.2F1C =#1 F# E%"1$F $= 1="1 CC= I ="1 ."%$ I = 8#% N#= 2=C <=# 22=C D#K2 N#=C =#CC="1 $=P# D%#$ I %1 / %$/$= /= " =" DFC+C%#<<2=$ I %1- %" "= DF$2F J#Q$= / F#1$= EO%C= D="/F"1 FCC=X 2%"J1= I DC- "%"+C=#2= I ="1 /F"C 1%#1=C 2=C CFE$ C1 =C- I F C F#CC /F"C 1%#C 2=C CF2%"C /= 7F$ C =1 /= 2F D$%& "E= "/J"F1 %"- N#% N#= E%"1="#=- .1F 1 J."$F2= =1 DF1="1= =C DF$1 CF"C /= 2 = I D=$=#$ "= C =" =WD$ 0 I F ="1 DFC M &% W KFCC= F#1$= I ="1 N#= C=C F/&=$0 CF $=C- ="E%$= K =" D=# "% I K$=#W M E=11= .D%N#= d 8#= C =C1+ 2 D$%D%C.- / CF ="1 2=C D2#C F& C.C- =" FCC= I K2F"1 #" E%"E 2= D%#$ = I D$ C%""=$ ="C# 1= E=#W N# "= C%"1 DFC /= C%" F& Cg "1=$$%J=$ 2=C O% I I =C- E =C1 2=#$ $=E%""FZ1$= 2= /$% 1 /= C= 1$% I D=$ = " .C1 DFC 1%#1- / F 22=#$C- /= / CC%#/$= 2= E%"E 2=- 2 <F#/$F 1 D%#&% $ <F $= / CDF$FZ1$= =" I Y I = 1= I DC 2=C = I KF$$FC N# 2 F D$%/# 1C $ 2C C%"1 F# E%"1$F $= $=/%#K2.C- =1 E =C1 =" /.< " 1 &= 2 %DD%C 1 %" N# 1$ % I DO= 5

= /#E /= %& J%- I " C1$= /= 2F D%2 E=- C="1F 1 K =" /F"C N#=22= <F#CC= C 1#F1 %" C .1F 1 D2FE. 2 = I 0 D=$=#$- N# 2 "= ".J2 J=F F#E#" =<<%$1 D%#$ /. %#1=$ #" D=# 2 %D " %" =C F<2 /.C <#$="1 EOF$J.C /= <F $=

)' ' /= 7$F/1- ' ' 'C$ ' ' ! ' '1' - D'

DF$1%#1‘ E%#$ $ 2= K$# 1‘ N#=‘ 2 F$$=C1F1 %"‘ /=C‘ 1$% C‘ D$.0
2F1C‘ "= C= $F11FEOF 1‘ "#22= I ="1‘ F#W‘ F<<F $=C‘ /# E%"0
E 2=‘ ‘ &%#2#1‘ /%""=$‘ M‘ ="1=" /$=‘ N# 2C‘ F&F ="1‘ =#‘
2 I D$#/="E=‘ /= "%#=$‘ /=C‘ "1$ J#=C‘ E%#DFK2=C‘ F&=E‘
2= EF$/ "F2‘ / ‘ 7 =<$% D%#$‘ .1FK2 $‘ /=C‘ & EF $=C‘ FD%C1%0
2 N#=C‘ /F"C‘2=C‘ .&YEO.C‘ /%"1‘2=C‘C QJ=C‘ .1F ="1‘ &FEF"1C‘
C1+ 2‘ K=C% "‘ /= / $=‘ N#=‘ $ ="‘ " .1F 1‘ D2#C‘ <F#Wg‘ = I 0
D=$=#$‘ C= JF$/F 1‘ K ="‘ /= $=E%#$ $‘ D=$ C%""=22= I ="1‘
M‘ E=C‘ $#C=C‘ D 1%LFK2=C‘ 2‘ L‘ F‘ D2#CS‘ C 2‘ "= 2# ‘ /.D2F 0
CF 1‘ DFC‘ N#=‘ C%"‘ I " C1$= DF$& "1‘ M /%""=$‘ 2= EOF"J=‘
F# &#2JF $=- 2‘ F#$F 1‘ .1.‘ <%$1‘ E%"1$F$.‘ /= 2= &% $‘
$FCC#$=$‘ 1$%D‘ E% I D2Q1= I ="1‘ 2=C‘ E%22QJ#=C‘ /= ‘ $"-
/= ‘ /= $%J2 = =1‘ /= ‘ /= %#2%J"= ‘ .1F 1‘ C#$0
1%#1‘ F< "‘ /= 2=C‘ I =#W‘ .D%#&F"1=$‘ N# 2‘ F&F 1‘ ="&%L.‘
2=C‘ 1$% C‘ D$.2F1C‘ M‘ ; "E="" =C‘ "‘ E=2F‘ /# I % "C- 2‘
F&F 1‘ DF$<F 1= I ="1‘ F11= "1‘ C%"‘ K#1‘ d =C‘ K=F#W‘ 1= I DC‘
/# E%"E 2= .1F ="1‘ DFCC.C- / 1‘ 2F‘ $=2F1 %"‘ 1$%#&.= /F"C‘
2=C‘ DFD =$C‘ /= 2 .&YN#=‘ /= F"/‘ :#CN# M‘ 2 F$$=C1F1 %"‘
/=C‘ .&YN#=C- 2=C‘ 7Q$=C‘ /# E%"E 2= C .1F ="1‘ E%"/# 1C‘
F&=E‘ D2#C‘ /= <=$ I =1.‘ N# %"‘ " F#$F 1‘ %C.‘ 2 =CD.$=$‘ $
I F C‘ M‘ DF$1 $‘ /= E= I % I ="1‘ "%#C‘ F22%"C‘ ="1$=$‘ /F"C‘
#"=D.$ %/= /= O%"1=- / F& 2 CC= I ="1‘ =1‘ /= 2bEO=1.‘ 5I

)‘ =2F1 %"‘ I F"#CE$ 1= /# E%"E 2= /=)* ‘ - 1$%#&.= /F"C‘ 2=C‘ DF0
D =$C‘ /= ‘ /= $%J2 =- .&YN#= /= F"/+

m #J= I ="1-' O.2FC' Š " =C1' D=#1+Y1$=' DFC' 1$%D' C. ; Q$=
' 2F' "%#&=22=' /=' 2 F$$=C1F1 %"' /=' 2 .&YN#=' /=' F"/-'
Uk' 2F' I F$N# C=' /=' #$F1-' CF' Cn#$-' =1' 2F' I F$N# C='
/=' F I =12 -' Cn#$ /# I F$.EOF2' /=' $%J2 =-' C .1F ="1'
$="/#=C' EO=X' 2=' EF$/ "F2' =CEO' %"E2=' /=' 2 = I D=0
$=#$' E% I I ="PF' DF$' FCC#$=$' M' E=C' /F I =C' N# 2' .1F 1'
<%$1' F11$ C1.' /=' E=' N#' &="F 1' /=' C=' DFCC=$$' I F C' 2'
"=' D%#&F 1' FKC%2# I ="1' $ ="' <F $=' D%#$' =22=C-' .1F"1'
1$%D' I F1' F&=E' C%"' "=&=#' 6'd : =CDQ$=' E=D="/F"1-' / 1'
@U' /=' #$F1-' N#=' &%#C' D$="/$=X' <F 1' =1' EF#C=' D%#$
2=C' D$ C%"" ="$C' =#$' EF#C=' =C1' 2F' &c1$=-' EF$' &%#C'
.1 =X' 2=#$' D$.C /="1$' &%#C' 2=#$' F&=X' F<< $ I .-' /=' 2F' DF$1'
/=' 2 = I D=$=#$-' N# 2C' D%#&F ="1' / $=' 2=#$' <FP%"' /='
D="C=$' ="' E%"CE ="E=' =1' CF"C' F#E#"=' E$F "1=-' =1' &%#C'
' CF&=X' C 2C' %"1' <F 1' F#1$=' EO%C=' 6' =2F' =C1' 1$QC+&$F -'
$.D%"/ 1' 2=' EF$/ "F2-' =1' =' CF C $F' 2F' D$= I Q$=' %EEF0
C %"' / ="' DF$2=$' %"' O%""=#$' L' =C1' "1.$=CC.S' E =C1'
#"=' " #$=' D=$C%""=22=' N#=' 2 %"' I F' <F 1=' :=' E$% $F'
1%# %#$C' /=' I %"' /=&% $' /=' /.<="/$=' 1%#1=' D=$C%""='
""%E="1=' =1' "E#2D.=' M' 1%$1' í M' D2#C' <%$1=' $F C%"' C# C+'
=' D%$1.' M' 2=' <F $=' D%#$' I =C' E%22QJ#=C-' D%#$' I =C' F I C-'
D%#$' /=C' D$.2F1C' N#' .1F ="1' /#' I Y I =' DF$1' N#=' I %' Š
I F C' /F"C' E=' I % I ="1' =' "=' &% C' D2#C' 2 = I D=$=#$' 6'
= I D=$=#$-' $=DF$1 1' jŘ /=' #$F1-' "=' D=#1' DFC' &%#C'
= I DYEO=$' / ="1$=$' EO=X' 2#' ! Y1=C+&%#C' DFC' C%"

` 2Z ! ' ' ' 7 ' 7

%"E2=g' Z "=' &%#C I =11$F' DFC' M 2F' D%$1=-' C' &%#C' &%#C' D$.C="1=X' 6 8# =C1+E=' M / $=' Í ' ' $"' ^' : L' F' .1.' I C' /=#W <% C-' 2 F#1$=' %#$-' M 2F' D%$1=' 5 UR /=' F I =1O' / 1' F2%$C' F#' EF$/ "FZ' N# %"" DF$2F 1' /=' $.#" $' /=' "%#&=F#' 2=' E%"E 2=S' E=' C=$F 1' 2M' #"=' %EEFC %"" 1%#1=' "F1#$=22=' / "1=$E./=$' =" <F&=#$' /=' C%"" "=&=#' 6' d 8# 2C' <FCC="1' 1%#1' E=' N# 2C' &%#/$%"1' F&=E' 2=#$' E%"0 E 2=S' =$1=C' =' "=' 2=' D$.C /=$F' D% "1-' M I % "C' N# 2C' "=' I L' E%"/# C="1 ="1$=' N#F1$=' <#C 2 =$C-' EF$' /=' I %' C=#Z' =' " $F' F I F C' ' =' EF$/ "FZ' E%"J./ F' E=C' /F I =C' =" 2=#$' D$% I =11F"1' /=' C = I D2%L=$' =" <F&=#$' /=' 2 .&YN#=' /=' F"/' F#CC 1c1' N# Z =" 1$%#&=$F 1' 2 %EEF0 C %" @

' /=' F I =1O' " .1F 1' DFC' I FZ' "<%$ I .=' M D$%D%C' / #"=' "%#&=22=' $.#" %"" D$%KFK2=' /#' E%"E 2=' 3F"C' 2=' D$= I =$' I %#&= I ="1' /=' CF' J$F"/=' $$ 1F1 %"-' 2 = I D=0 $=#$' F&F 1' C%"J.' M C F/$=CC=$' F#' %$DC' 2.J C2F1 <-' N#' C .J=F 1' ="E%$=' Z F&F 1' E%"C#21.' M E=' C# =1' 2=' E%"E 2=' /=' DO 2%C%DO=C' =1' / F&%EF1C-' E% I I =' Z 2=C' FDD=2F 1-' F#N#=Z' Z F&F 1' /%"".' %$/$=' /=' C=' $.#" $' EO=X' 2=' J$F"/' #J=' R$ I F C' E=C' I =CC =#$C' "=' 2 F&F ="1' DFC

)' , ' '%$ 'U(' $ ' , !' '! ' I !5' $' 'U $ ' 8' 1 ' ' ' '+ ') 8 ' F"#CE$ 1' /=' Ud 2F' I F$N# C=' 2 % #$F1

' ; %L=X' 2F' "%1=' / E1.=' ="" E%"C= Z /=C' I " C1$=C-' "C.$.=' M 2F' /F1=

`,' ' ! ' ' ' 7 ' 7

E=22=' C 1#F1 %"' .1F 1' F&F"1FJ=#C=-' E% I K =" ' "%#C' .1 %"C'
#" C' F#' /=/F"C-' 1$F"N# 22=C' C#$' 2=C' $=2F1 %"C' =W1.0
$ =#$=C' =1' <%$1C' E%"1$=' "%C' =""= I C-' FD$QC' 2#' F&% $'
I %"1$.' =" ' C%" ' D2= " ' %#$' 1%#1=' 2F' D# CCF"E=' I %$F2='
/=' F' F =C1.' C#$' 2=' D=#D2=-' =' 2#' F' / 1' N#=' 2 = I D=0
$=#$' &="F 1' /=' C=' D$%"%"E=$' /=' "%#&=F#' / #"=' I F0
" Q$=' F#1O="1 N#=' =1' <%$ I =22=' C#$' 2F' $.C%2#1 %" ' /='
E%"C=$&=$' /F"C' 1%#1=' C%" ' "1.J$ 1.' 2=' /.Dc1' /=' 2F' $=0
2 J %" ' /=' C=C' DQ$=C$' N#=' <%#1=' 2 #$%D=' .1F 1' E%"&F m'
=#=' /=' E=11=' &.$ 1.' $' N# F C' 2=C' E%"CE ="E=C' 2=C' D2#C'
1 I %$.=C' " F&F ="1' F#E#"=' "N# .1#/=$' N#=' 2 %" ' &%LF 1' '
E2F $= I ="1' N# 2' "=' C FJ CCF 1' F&=E' 2#' N#=' /#' 1= I 0
D%$=2' $' N#=' 2F' N#=C1 %"-' /.C%$ I F C' .E2F $E =' DF$' 2=C'
/.E2F$F1 %"C' 2=C' D2#C' <%$1=C-' .1F 1' /=&="#=' .& /="1='
D%#$' 1%#C-' =1' N#=' 1%#C' F#CC' (=' "=' D%#&F C' 2=' 2#'
/ CC I #2=$' $= =1F ="1' C#$' 2#' C=#2' 2=' $=1F$/' FDD%$1.' M'
#" ' FDD%EO= I ="1' ".E=CCF $=' =1' $.E2F I .' DF$' 1%#1=C'
2=C' J2 C=C' F&=E' #"=' "C1F"E=' .JF2=' M' 2=#$' F11FEO=0
I ="1' D%#$' 2F' $=2 J %" ' $' N#=' DF$' 2M' CF' D%C 1 %" ' /=&=0
"F 1' D2#C' / << E 2=-' C 2' D=$C C1F 1' /F"C' C%" ' $=<#C-' DF$E='
N#=' 1%#1=' 2F' $=CD%"CFK 2 1.' =" ' DQC=$F 1' C#$' 2#' $' N#=' 2='
E%"E 2=' I F$EOF 1' / FEE%$/' F&=E' 2 %D " %" ' J.".$F2=' =1'
F&=E' 2=' /.C $' /=' F' F =C1.-' N#' C=' I %"1$F 1' CF1 C0
<F 1=' (%" ' CF 1' E=' N# 2' L' F&F 1' /%' &$F' /F"C' E=C' FCC=$0
1 %"C' /#' D$.<=1' /=' %"1="%12=' /#' XQ2=' =1' /=' 2F' E%"+

(:" 2$ (2= C%"5 E2=$J ‘ :=5 2# ‘ F‘ /= I F"E ‘ N#=2 C=$F 1-5 ="5 K%" "=5 E%"CE ="E=-5 2=5 #J= I ="1 /=5 2 O C2% $=5 =1 /=5 1%#1 O% I I =5 $F C%" "FK2=5 M D$%D%C / #"=5 C= I K2FK2=5 2#11= ‘ =22=5 =C1 2F C#KC1F"E=5 /=5 E=5 N#=5 F‘ / 1 F# DFD=-5 =1 &% E‘ E=5 N#=5 ="5 F‘ %K1="#‘ 2 &%#/$F 1 #"5 FEE% I I %0 /= I ="1$ %"5 D%#$$F 1 E% I K "=$ 2F "% I "F1 %"5 Z2=C (&YN#=C D%#$ $= I ./ =$ M 2F & /# 1.‘ /=C J2 C=C ‘))) L F&F 1 1%#1=<% C /F"C 2=C D$%D%C 1 %"C /=5 ‘ 2=C .&Y0 N#=C N#‘ C%"1 &="#C E%"<.$=$ F&=E 2#‘ E=$1F "=C EK% C=C I N#‘ "=5 D%#&F ="1 C=5 E%"E 2 =$ F&=E CF I F" Q$=5 /=5 &% $ =1 C%"5 $=D%C‘ # $=C1=-5 2=5 E%"E 2=5 <=$F CF"C /%#1=5 CF D$%D%C 1 %"$ C $E=2F-5 2 C=5 /.1=$ I "=<F-5 =‘ D$="/$F F#CC‘ C=C /.E C %"C C# &F"1 N#=5 C=C 2# I Q$=C 2=5 2#‘ / E1=$%"1 ‘ : F‘ 1$%#&.‘ 2=5 DFD=-5 / 1 ‘ /=5 OFK$%2 ="5 1=$ I "F"1 CF 2=11$=-5 2F 1Y1=5 $= I D2 =5 / #"=5 I F#&F C=5 1O.%2%J =5 =1 / #"=5 O C1% $=5 DF$1 F2=5 ="1 Q$= I ="1 .E$ 1=5 ="5 <F&=#$ /=C DFD=C$ 2 DF$FZ1 C=5 D2FE=$ I F "1="F"1 ="1$=5 2=5 DF$1‘ N# 2 F&F 1 D$ I 1 &= I ="1 F/%D1.‘ F&=E ‘ 2=C .&YN#=C =1 E=2#‘ N# 2 F = I K$FCC.‘ /=D# C /F"C C=C I % I ="1C / F2 ."F1 %"5 / =CD$ 1 =1 / "N# .1#/=C I %$F2=C‘ "5 1%#1 EFC-5 %"5 "=5 D=#1 C=5 / CC I #2=$ N#=5 C%"5 EF$FE1Q$=5 =1 C=C %D " %"C &=$CF1 2=C "=5 D=#&="1 2#‘ 2F CC=$ 2F <FE#21.‘ /=5 C=5 D$%"%"E=$ /F"C 2=C E $E%"0 C1F"E=C D%2 1 N#=C %a 2 C=5 1$%#&=‘))) "=5 E% I D$="/‘ DFC 2=C 1= I DC =1 2=C EOF"J= I ="1C N# 2C =" $FZ"="2‘))) "=

$.D%"/' $ ="' M 2F $F C%"' F#CC ' &$F =' N#=' C#K2 I =' /.0
&=2%DD.=' DF$ F F =C1.' N#' < 1 D$.<.$=$ F#W D$= I =$C
EO=<C /=' 2 J2 C=' 2=' C. %#$ /=' % I =' M E=2#' /=' 2F 1=$$='
CF "1=' 2 "=' / 1 F#1$=' EO%C=-' C "%"' N#=' E=' <#1 2F &%0
2%"1.' /=' 3 =#' 2 C=' I %"1$=' 1%# %#$C F#CC ' .2% J".' /#
C. %#$ /F"C 2F EFD 1F2=' /=' 2 = I D $=-' "=' /.C $F"1 N#='
$=1%#$"=$ M % I =-' %# K ="' =$$=$ /=' & 22=' ="' & 22='
E% I I =' 2=C FDc1$=C /# D$= I =$ bJ=' %#1 F""%"E=' #"='
<F K2=CC=' /=' &#=C 1$%D F#+/=CC%#C /=' CF D%C 1 %"' @ ' 5
=C $="C= J"= I ="1C C#$ 2=C / CD%C 1 %"C /=' 7 =' ; -'
N#% N# 2C "=' <#CC="1 DFC ="E%$=' 1%#1 E=' N# 2 D%#&F 1
C%#OF 1=$-' %#&$F ="1 #"=' "%#&=22=' D=$CD=E1 &=' /=&F"1
$= I D=$E#$ ' % "' /=' /.CF&%#=$ OF#1= I ="1 2=C E%"E=C0
C %"C <F 1=C "FJ#Q$=' F#W .&YN#=C ="&%L.C b F&%"=-'
2=' DFD=' C=' I %"1$F 1 D%$1.' M L' $=&=" $ I %L="'"F"1 /%
2.JQ$=C I %/ < EF1 %"C ' #$ E=C /%"".=C "%#&=22=C-' N#'
2#' F#$F ="1 D=$ I C / FD2F" $ K ="' /=C EO%C=C-' C 2
F&F 1 .1.' I C M I c I =' /=' C ="' C=$& $ ="' 1= I DC #1 2='
F#D$QC /=C I = I K$=C /# E%"E 2=' ! FD%2.%"' +$.C%2#1 /='
"=' DFC 2bEO=$ FKC%2# I ="1 2F DF$1 =' 8#=2N#=C+#"C
/=C .&YN#=C .1F ="1 DF$1 C F#CC 1c1 FD$QC 2 F$$=C1F1 %"'
/=' ' $"-' /=' $%J2 =' =1 /=' %#2%J"=S I F C
E .1F ="1 2=C D$.2F1C 2=C D2#C %DD%C.C M C=C /=CC= "C

)' =11$=' (2=' ' /=' OFK$%Z F# I " C1$=' /=C E#21=C-' B # 22=1)*))

‘ ! ‘ ! ! `\

=1‘ 2 = I D=$=#$‘ & 1‘ 2=#$‘ FKC="E=‘ CF"C‘ / . D2F C $ ‘))) /%"‘"F‘ %$/$=‘ F#‘ I " C1$% /=C‘ E#21=C‘ /=‘ $=1=" $‘ F#‘ E%"1$F $=‘ 1%#C‘ 2=C‘ F#1$=C‘ M‘ 7F$ C ‘ ="1c1‘ ‘ J%1-‘ E%"2 /="2 =2+‘ 2= I ="1‘ "C1$# 1‘ /=C‘ /=CC= "C‘ /=‘ C%"‘ I FZ1$=-‘ $=P#1‘ 2F‘ I CC %"‘ /=‘ 2=C‘ <F $=‘ 1%#C‘ &=" $‘ EO=X‘ 2# ‘ 2=C‘ #"C‘ FD$QC‘ 2=C‘ F#1$=C‘ $ 2‘ /=&F 1‘ /F"C‘ E=C‘ 1Y2=+M+1Q2=‘ C#EE=CC <C‘ #C=$‘ /=‘ CF‘ D2#C‘ D=$C#FC &=‘ .2%N#="E=‘ =1‘ /=‘ 1%#C‘ 2=C‘ I %L="C‘ N# ‘ /. D="/$F ="1‘ /=‘ 2# ‘ D%#$‘ 2=C‘ $F I ="=$‘ D=#‘ M‘ D=#‘ M‘ 2F‘ EF#C=‘ I D. $ F2= ‘ 2‘ $.#CC CCF 1‘ M‘ JFJ"=$‘ 2=‘ D2#C‘ J$F"/‘ "% I K$=-‘ %"‘ $. #" $F 1‘ /=$=EO=<‘ 2=‘ E%"E 2=-‘ =1‘ 2=C‘ / << E#21.C‘ N# ‘ F&F ="1‘ 1%#1‘ F$$Y1. ‘ C=$F ="1‘ F C. I ="1‘ 1%#$". =C ‘ "C ‘ N# 2‘ .1F 1‘ "F1#$=2-‘ ‘ J%1‘ /=‘ 7$. F I ="=#-‘ N" ‘ F&F 1‘ FCC C1. ‘ M‘ 1%#1=C‘ 1=C‘ E%"J$. JF1 %"C‘ J. ". $F2=C-‘ E% I I ="PF‘ DF$‘ C F11FN#=$‘ F#W‘ D$. 2F1C‘ EO=X‘ 2=CN#=2C‘ 2‘ F&F 1‘ $= I F$N#. ‘ 2=‘ D2#C‘ /=‘ E%"/=CE="/F"E=‘ D%#$‘ 2=C‘ D$%D%C 1 %"C‘ /=‘ 2 = I D=$=#$‘ I E .1F ="1‘ E=#W+2M‘ I Y I =C‘ N# ‘ 1. I % J"F ="1‘ ="‘ E=‘ I %0 I ="1‘ 2=‘ D2#C‘ / =<<$% ‘ F#‘ C# =1‘ /=‘ 2 F$$=C1F1 %"‘ /=‘ 2=#$C‘ E%22QJ#=C ‘ %"‘ C#EEQC‘ F#D$QC‘ / =#W‘ F&F 1‘ .1. ‘ FCC=X‘ <FE 2=‘ 3=‘ D$%EO=‘ ="‘ D$%EO=-‘ 1%#C‘ 2=C‘ 7Q$=C‘ /#‘ E%"0 E 2=-‘ %#‘ D=#‘ C ="‘ <F22F 1-‘ C .1F ="1‘ 2F CC. ‘ D=$C#F/=$‘ F#‘ K%#1‘ /=‘ N# "X=‘ %#$C ‘ 2‘ =C1‘ &$F ‘ N#=‘ ! FD%2. %"-‘ C=C‘ D2#C‘ OFK 2=C‘ E%"C= 22=$C-‘ =1‘ M‘ 2=#$‘ 1Y1=‘ C%"‘ $=/%#1FK2=‘ I " C1$=‘ /=‘ 2F‘ D%2 E=-‘ N# ‘ C=‘ < J#$F 1‘ F&% $‘ EOF$J=‘ / b I =C‘ /F"C‘ 2 J2 C=‘ /=D# C‘ N# 2‘ F&F 1‘ F$$Y1. ‘ 1$% C

*' ' ! ' ' ' 7 ' 7

.&YN#=C-' C .1F ="1' 1%#C' = I D2%L.C' /=' 2=#$' I =#W' D%#$'
&=" $' ="' F /=' M' ' J%1' /=' 7$.F I ="=#' =C' "C "#F0
1 %"C-' 2=C' I ="FE=C-' 2=C' I ="FE=C' C#$1%#1-' "=' <#$="1'
D% "1' .DF$J".=C ' ! FD%2.%"' C .1F 1' DF$1 E#2 Q$= I ="1'
$.C=$&.' 2=' C% "' / "1 I /=$' 2=C' I = I K$=C' /#' CFE$.+'
E%22.J=' 2' < 1' ="' D2= "=' E%#$' F#W' EF$/ "F#W' D "F' =1'
FC=22 /=C' CEQ"=C' N#' 2=C' $= I D2 $="1' 1%#C' /=#W' / .D%#0
&F"1=' =D="/F"1' 2' 2#' F$$ &F' /=' "=' DFC' 1%# %#$C'
$.#CC $' 7=#' /=' 1= I DC' FD$QC' 2F' / CC%2#1 %"' /#' E%"0
E 2=-' $="E%"1$F"1' /F"C' 2=C' CF2%"C' /=' F "1+ 2%#/'
.&YN#=' /=' 3 J"=-' ' %22 C-' <Q=' /#' J%#&=$"=#$' /='
% I =-' 2 = I D= =#$' &%#2#1' M' 1%#1=' <%$E=' 2=' E%"1$F "/$='
M' C=' D$%"%"E=$' "E%"1 "="1' ="' CF' <F&=#$' =1' E%" $=' 2='
CF "1+DQ$=' ' %22 C' =CCFLF' /=' C=' 1 $=$' / = I KF$$FC' ="'
$.D%"/F"1' F&=E' #"=' C I D2 E 1.' 1%#1=' EO$.1 =""=-' K ="'
D2FE.=' /F"C' CF' K%#EO=-' EF$' E .2F 1' #"' CF "1' D$Y2$E' I
d' $=-' =' C# C' /F"C' 2 OFK 1#/=' /=' "=' D$="/$=' F#E#"'
DF$1 ' I D%$1F"1' CF"C' E%"C#21=$' 2=' F "1+ CD$ 1-' = &%#C'
/= I F"/=' /%"E' #"' D=#' /=' 1= I DC ' 5' ' N#F1$=' %#$C' /='
2M' -' ! FD%2.%"' -' 2 FK%$/F"1' /=' "%#&=F#' -' 2#' / 1' $' d' O'
K ="' $' I %"C =#$' 2 .LYN#=-' N#=' &%#C' F' $.D%"/#' 2=' F "1+'
CD$ 1g' 6' $=-' $=DF$1 1' ' %22 C-' 2' I F' $.D%"/#'
1%#1' 2=' E%"1$F $=' /=' E=' N#=' I F' / 1' ; %1$=' F =C1.' ' 5

)' □ ' ' /' ' ' # 3 ' ' ' J !' ' $H ' DF$

! %#C CF&%"C DF$ 2= 1. I % J"FJ= I Y I = /= F$+ 2=12 -' .&YN#= /= %"2=D#2E F"%' E% I I ="1 ' J%1 /= 7$.F I ="=#V L D$="F 1 /% C%"' Ec1.' D%#$ F$$ &=$ F#W I Y I =C < "C $ 2=C D$%E./.C =1 2= 1%"' / 2 .$F ="1 #"' D=#' = I " C1$= /=C E#21=C- FD$QC F&% $ $F C%"".' /= C%"' I =#W F&=E 2= D$.2F1 N# 2 1="F 1 /F"C C%"' EFK "=1-'2#' /= I F"/F 1 /=C J"=$ #"= C%$1= /= <%$ I #2= / F/O.C %"' F# /.E$=1 /= 2 = I D=$=#$ E=11= <%$ I #2= .1F 1 1%#1= D$.DF$.= C#$ C%"' K#$=F#' D$QC N#=2N#=C K.C 2F1 %"C- 2F D2#DF$1 F&F Q"1 <"' DF$'E./=$' =C .&YN#=C 1F2 ="C C .1F ="1 D=#1+Y1$= ="E%$= I % "C <F 1 D$ =$ N#= 2=C F#1$=C ')) " ="' <#1 DFC 1%#1=<% C F "C' /= =R F$2=21 ' != &%#2F"1 DFC 1$F 1=$ M <%"/' 2F N#=C0 1 %"' F&=E 2= I " C1$= /=C E#21=C- 2 C= E%"1="|F /= 2#' $.D%"/$= d N# 2 .1F 1 K ="' /.C%2.' /= C= &% $ %K2 J.' /= $=<#C=$ N#=2N#= EO%C= M C%"' C%#&=$F "- I F C N#= E .1F 1 #"' D% "1 <W.+DF$ 2F / CE D2 "= J."$F2= /= 2 J2 C=' # DFD= C=#2- 2 FDDF$1="F 1 /= /%""=$ 2 "C1 1#1 %"' EF"%" N#= F#W .&YN#=C' 5 d' F$2=21' F %#1F N# 2 "= D%#$$F 1 F/I =11$= 2= /.E$=1 CF"C D=$/$= 2F E%"< F"E= /=C < /Q2=C /= C%"' / %EQC= =1 CF"C 2=C CEF"/F2 C=$' d F C D=$C%""= "= 2= CF#$F' 6

' 2' (2= KO=' 6 ' %21 C- .&QE = /= 3 J%=- DFCC= ="' =<<=1 D%#$ F&% $ <%#$"' 2=C D$ "E DF#W 1$F 1C /= 2 .&QN#= I C ="' CEQ"= /F"C 2= $% I F"' E.2QK$= /= ' ; E1%$ #J%

C%"' % "%"' 5 ' EF$/ "FZ' ="JFJ=F' ='' 2=$ I "F"Z' E=C' /F I =C' M &% $' 2 .&.N ' /' ! F /=C-' N#' F&F 1' 1$QC+<%$1= I ="1' ' M 2 = I D=$="$' D%#$' 2F' I C=' ='' 2 K=$1.' /=C' D$ C%"" =$C-' =1' N#' D%#&F 1' K=F#E%#D' D2#C' N#=' 2#

=' 2="/= I F "-' ^' F%]1-' D=#' /=' 1= I DC' F&F"1' 2F' C.F"E=' /# E%"E 2=-' Uj' /=' #$F1' =1' /=' F I =2O' C=' $="/ $="1' EO=X' 3#&% C "' Z' C=' I %"1$F' 1$QC+.2%"".-' D$=CN#=' E%"1$F .-' I F C' C#$1%#1' =<<$FL.' /=' E=' N#=' 2=' EF$/ "FZ' 2=#$' F&F 1' / Z' N# Z' F&F 1' /= I F"/.' M 2 = I D=0 $=#$' 2F' 2 K=$1.' /=C' D$ C%"" =$C')) " ="' .1F 1' $ ="S' Z "=' C=' C=$F 1' F I F C' D=$ I C' DF$= 22=' EO%C=' d))F&F 1' C=#2= I ="1' /%"".' M ="1="/$=' M F' F =C1.' N#=' 2F' /.0 2 &$F"E=' /=' E=C' I =CC =#$C' D%#$$F 1' D$%/# $=' #"' K%"' =<<=1' C#$' 2=' E%"E 2=' = I D=$=#$' .1F 1' / F 22=#$C' <%$1' $$ 1.' E%"1$=' 2 .&YN#=' /=' F"/' M EF#C=' /=' E=22=' K C+' 2[=' /=' 2F' .J %"' / O%""=#$' Uj /=' #$F1' 2 1' %KC=$0 &=$' N#=' E=11=' F<<F $=' /F1F 1' /=' K ='' 2% "-' N#=' 2 F$$=C+' 2F1 %"' F&F 1' =# 2 =# M D$%D%C' /# E%"E 2=-' =1' N# Z .1F 1' / 2 E 2=' D%#$' "=' DFC' / $=' I D%CC K2=-' /=' <F $=' FE0 E$% $=' F# D#K2 E' N#=' E=C' I =CC =#$C' =#CC="1' .1.' ="<=$+

' + ' ' $' ' ' ' ! , ' '%$ 'U1 ' $' , !' ' ! ' I !5' $' 'U $ ' 8 ' 1 ' ' ' ' + ') 8 ' DF$' I#' ' I F$N# C=' /=' #$F1

C=#2 E%$DC /=5 2 2F15 N#5 " =]2 C="15 ="6 DF$= 22=5 E $E%"0
C1F"E=5 N# 2 L5 F22F 15 /=5 C%"6 O%" "=#$5 65 # -5 E=2F5 =C2
&$F5 $ I F C5 E=5 N#5 C=5 <F CF 15 F#1$=<% C5 "=5 C=5 <F 15 D2#C5
F# %#$/ O#5 R5 5 #$5 E=C5 DF$%2=C-5 Uu5 /=5 #$F15 = /=5
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/=5 F"/5 =15 C=C5 E%/.1="#C-5 2=C5 .&YN#=C5 /=5 $%L=C5 =15
/% %#$"F -5 "=5 /=&F ="15 E% I D1=$5 "5 C#$5 2 FCC C1F"E=5
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8#=5 D%#&F 15 F11="/$=5 2 J2 C=5 =22=+ I Y I =5 / #"=5 FC0
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CF ="15 &% $5 /=5 C= I K2FK2=C5 C="1 I ="1Cg5 2 "%#C5 1F$/=5 M
"%#C+ I Y I =5 / ="6 < " $5 F&=E5 2F5 C.F"E=5 /#5 K F%] 1-5 N#5
F22F 1E2%$=C5 I C.$FK2= I ="15 2=5 E%"E 2=/=5)*)) 5 2 F$+5
EK=&YN#=/= %#$C5 E% I I ="PF5 DF$5 L5 <F $=5 2=E1#$=5 / #"6
$FDD%$15 N#5 /%""F 15 D%#$5 2F5 D$= I Q$=5 <% C5 E%""F C0
CF"E=5 %<< E =22=5 /=C5 ".J%E F1 %"C5 ="1F I .=C5 M F&%"=-5
=15 N#5 I =11F 15 ="< "6 C%#C5 2=C5 L=#W /=C5 D$.2F1C5 2=5 1=W1=5
D%C 1 </=5 $.E$ 15 2F CC.5 ="1$=5 2=C5 I F "C5 /#5 CF "1+DQ$=5
=5 $FDD%$15 F&F 15 .1.5 D$.F2FK2= I ="15 C%# I C5 M 2 = I D=0
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C=E%"/=' D$%D%C 1 %"' .1F 1' 2F' C# &F"1=' I d' ' 2=' DFD=' $=<#C=' /=' E%"< $ I =$' 2=' /.E$=1' N#=' 2=' E%"E 2=' <=$F' C#$' $ "C1 2 1 %"' /=C' .&YN#=C-' E=' C=$F' 2M' 2=' EFC' /=' ".E=C0 C 1.' ' =1' F$1 E2=' / #"=' C' OF#1=' I D%$1F"E=' "=' <#1' I Y I =' DFC' I C' F#W' &% W'$' 2' <#1' F/%D1.' ="' C 2="E=' DF$' #"=' C%$1=' / F/O.C %"' 1FE 1=' "C# 1=' %"' DFCCF' F#' /.0 E$=1' 2# + I Y I =-' N#' <#1' F/%D1.' DF$' FCC C' =1' 2=&.' M' D=#' D$QC' M' 2F' I Y I =' I F %$ 1.' N#=' 2F' D$= I Q$=' D$%D% C +' 1 %$1' =' /.E$=1-' C J".' DF$' 2=' D$.C /="1' =1' 2=C' C=E$.0 1F $=C' /#' E%"E 2=' (%"' F&F 1' F#' /.K#1' /=' 2F' C.F"E=' "C1F22.' F#' K#$=F#' /=' "%#&=F#W' C=E$.1F $=C -' C=' E% I 0 D%CF 1' /=C' F$1 E2=C' C# &F"1C' i

d $1' 2UU' %"<%$ I . I ="1' M' 2 =CD$ 1' /=C' CF "1C' EF0 "%"C-' 2=C' F$EO=&YEO.C' =1' .&YEO.C' "=' D%#$$%"1' $=C1=$' &FEF"1C' D2#C' / #"' F"' D%#$' 1%#1' /.2F'$' /F"C' E=1' =CDFE=' /=' 1= I DC-' 2F' "% I "F1 %"-' 2 "C1 1#1 %"' =1' 2F' E%"C.E$F0 1 %"' /=&$%"1' F&% $' 2 =#' 6' $1' ' = I D=$=#$' C=$F' C#DD2 .' /=' E%"1 "#=$' M' "% I I =$' F#W' C QJ=C' &FEF"1C-' E%"<%$ I . I ="1' F#W' E%"E%$/F1C-' =1' 2=C' .&YN#=C' "% I I .C' DF$' 2 = I D=$=#$' C F/$=CC=$%"1' M' "% $=' CF "1+DQ$=' 2=' DFD=' D%#$' 2 "C1 2#2 %"' EF"%" N#=' 6' $1' ' 3F"C' 2=C' C W' I % C' N#' C# &$%"1' 2F' "%1 < EF1 %"' <F 1=' F#' DFD=' DF$' 2=C' &% =C' / #CFJ=' /=' 2F/ 1=' "% I "F1 %"' -' 2=' DFD=' /%" "=$F' $ "C2 1#1 %"' EF"%" N#=' E%"<%$ I . I ="1' F#W' E%"E%$0 /F1C 6' $1' , ' =C' C W' I % C' =WD $.C' CF"C' N#=' 2=' DFD=

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$Y1Q$="1̇ ="̇ E=11=̇ C%2=""=22=̇ E $E%"C1F"E=̇ 2=Ċ I = I K$=Ċ
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1$ C1=CC=̇ ="̇ C%"J=F"1̇ Ṁ E=11=̇ /=$" Q$=̇ C.F"E=̇ /#̇
E%"E 2= ̇ 2̇ F&F 1̇ I =#W /.K#1. ̇ ̇ /.<F#1̇ /=̇ D2#Ċ
<%$1=Ċ E%"& E1 %"C-̇ 2 =CD$ 1̇ /=̇ E%$DĊ F&F 1̇ C#<< ̇ F#Ẇ
I = I K$=Ċ /=̇ E=11=̇ FCC= I K2.=̇ D%#$̇ $.C C1=$̇ 1F"1̇ K ="̇
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F#CC ̇ 2%"J1= I DĊ N# 2̇ 2=#$̇ F&F 1̇ .1.̇ D=$ I Ċ /=̇ /.2 0
K.$=$̇ ="̇ E% I I #"Ṡ 2Ċ "=̇ C#$="1̇ D2#Ċ C=̇ /.<="/$=̇
E%"1$=̇ 2# ̇ Ṁ DF$1 $̇ /#̇ %#$̇ %ȧ 2̇ ="1$=D$ 1̇ /=̇ 2=Ċ "1 0
I /=$̇ =1̇ /=̇ 2=Ċ C./# $=̇ C%2. I ="1 ̇ F Ċ D%#$̇ E%"1 +

"#=$ M / . $%# =$ 2F C# 1= /= E= /$F I =- ʼ "%#C <F#1 D$. C="1= I ="1 $=1%#$"=$ F#D$QC /# I F2O=#$=#W D$ 0 C%"" =$ /= F&%"=ʻ =C CEQ"=C N#ʻ "%#C $=C1="1 M $FE%"1=$-"= C%"1 DFC I % "C <bEO=#C=C N#= E=22=C N#ʻ %"1 / . M DFCC .ʻ C%#C 2=C L=#W /= "%C 2=E1=#$Cʻ ! %#C F22%"C &% $ / F#1$=C D QJ=C- "%"ʻ I % "C D=$< /= I ="1 1=" /#C- ="&=2%DD=$ 2= EO=< /= 2F EF1O%2 E 1 .- =1 E=2# + Eʻ " Y I = L 1% I K=$ʻ = 1%#$ /= 7 = ʻ .1F 1 &="# FD$QC E=2#ʻ /=C .&YN#=C /= $F"E=ʻ % I I = =#W- E% I I = 1%#1 2= I %"/= M E=21= <F1F2= . D%N#=- ʼ .1F 1 /=C1 ".ʻ M D2 =$ /=&F"1 2 O% I I = =W1$F%$/ "F $= N# -- EO%C= / . D2%ZFK2= M E%"<=CC=$- " F J#Q$= $="E%"1$.ʻ N# FD$QC CF EO#1= /=C E%"1$F/ E1=#$C &. $ 1FK2= I ="1 $. C%2#C

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<' F"& =$')*))

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".E=CCF $=' /=' <F $=' #"' E%#$1' =WD%C.' /=' 2 F< F $=-' F#N#=2' %"'
% "/$F' 2=C' <<.$="1=C' D QE=C' D%#$' ="' CF C $' #"=' E% I I CC %"-'
N#' C=$F' D$.C /.=' DF$' ' 2 F$EO E2 F"E=2 =$' =1' E% I D%C.=' /='
&%#C-' /#' I " C1$=' / 91F1' .J"F#21-' /#' D$.C /="1' /=' 2F' C=E1 %"'
/=C' < "F"E=C' %#2FL'=1' /#' E%"C= 22=$' / 1F1' =$2 "-' =1' D$="/$=+'
2=#$' F& C' C#$' 2=C' / <<.$="1=C' N#=C1 %"C ' ./ J=X' &%1$=' $FDD%$1'
F#' E%"C= 2' / 1F1' =1' D$%D%C=X' #"' /.E$=1' =1' 2=C' F#1$=C' I %L="C'
M' D$="/$=' #$' E=
=22=' 2=21 =' EC1' DFC' "C.$.=' /F"C' 2F' E%$$=CD%"/F"E=' /=' !FD%2.%"

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=' 2=' $=E=&$F' FD$QC' 2F' I =CC=' /F"C' I %"' EFK "=1' #$' E=
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E%#$%""=-ˢ =ˢ &=#Wˢ N#=ˢ 2Fˢ / J" 1.ˢ /%ˢ I %"ˢ 1$c"=ˢ =1ˢ 2 "/.D="0
/F"E=ˢ /=ˢ 2Fˢ "F1 %"ˢ "=ˢ D# CC="1ˢ Y1$=ˢ E% I D$% I C=Cˢ /F"Cˢ I =Cˢ
$=2F1 %"Cˢ F&=Eˢ 2=ˢ DFD=ˢ D$QCˢ 2Fˢ E.$. I %" =ˢ /#ˢ CFE$=-ˢ 2ˢ C ="ˢ =C1ˢ
F22.ˢ F&=Eˢ #"ˢ & <ˢ $=CC="1 I ="1ˢ E%"1$=ˢ I %ˢ Sˢ ="ˢ E%""F Cˢ 2=Cˢ I %0
1 <Cˢ =ˢ D$= I =$ˢ .1F 1ˢ $=2F1 <ˢ F#Wˢ D$%D%C 1 %"Cˢ /#ˢ E2=$J.ˢ ="ˢ) * ˢ
=ˢ DFD=-ˢ C=ˢ 1$%#&F"1ˢ C=#2ˢ F&=Eˢ I %-ˢ I =ˢ I %"1$Fˢ #"=ˢ 2=11$=ˢ /=ˢ
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CFˢ /.E2F$F1 %"ˢ C#$ˢ 2=Cˢ N#F1$=ˢ F$1 E2=Cˢ =ˢ DFD=ˢ &%#2F 1ˢ N#=ˢ =ˢ
2#ˢ ="ˢ /%""FCC=ˢ #"=ˢ DF$= 22=-ˢ D$% I =11F"1ˢ N# =22=ˢ $=C1=$F 1ˢ C=0
E$Q1= ˢ :=ˢ E%"C#21Fˢ %"ˢ I "="E=ˢ 2=ˢ EF$/ "F2ˢ ECEOˢ =1ˢ / F#0
1$=Cˢ D$.2F1C-ˢ N#ˢ I =ˢ /.E%#&$ $="1ˢ 2 =CDQE=ˢ /=ˢ D QJ=ˢ N#ˢ I .1F 1ˢ
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Fˢ /=#W Q I =ˢ EF#C=ˢ /#ˢ $=CC="1 I ="1ˢ /#ˢ DFD=ˢ (Fˢ E%"1 "#.ˢ Fˢ
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J"= ˢ 3=D# Cˢ E=ˢ 1= I DCˢ 2=ˢ DFD=ˢ " Fˢ DFCˢ E=CC.ˢ / .1$=ˢ /F"Cˢ #"ˢ
1=2ˢ .1F1ˢ / $$ 1F1 %"-ˢ N# 2ˢ Fˢ 1%#1ˢ <F 1ˢ ="ˢ C="Cˢ E%"1$F $=ˢ /=ˢ E=ˢ
# =#CC="1ˢ =W J.ˢ C=Cˢ "1.$Y1Cˢ 1= I D%$=2Cˢ =1ˢ E=#Wˢ /=ˢ 2Fˢ $=2 J %"ˢ
3 F#CC ˢ J$F"/=Cˢ E%"C /.$F1 %"Cˢ " %"1ˢ D#ˢ F&% $ˢ C#$ˢ C%"ˢ =CD$ 1ˢ
F#E#"=ˢ "<2#="E=ˢ 2ˢ C =C1ˢ K%$".ˢ Mˢ $.D%"/$=ˢ N# 2ˢ " F&F 1ˢ F#E#"ˢ
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E%$$=CD%" / F"E=' N# 2' F&F 1' F&=E' 2=C' EO$.1 ="C' /=C' DFLC' / %#1$=0 I =$ ' :=' "=' D%#&F C-DFC' 2=' 2F CC=$' M' 2F' I =$E ' /=C' "J2F C ' 2' F' I =#W' F I .' &% $' F".F"1 $' E=11=' C%#&=$F "=1. ' =C1' / F"C' 2=' I c I =' =CD$ 1' N# 2C =C1' E%" / # 1' / F"C' 2=C' F<<F $=C' CD $ 1#=22=C

3=C' .&YEO.C' C%"1' /=&="#C' &FEF"1CS' F ' #C.' / F"C' 2F' <%$ I =' %$/ "F $=' /=' I %"' /$% 1' /=' "% I "F1 %" -' 2' $=<#C=' %KC1 ".0 I ="1' /=' /%""=$' 2 "C1 1#1 %"' EF"%" N#=' "' 22= I FJ"=' 2F' $=2 J %"' =C1' D=$/#=' DF$' CF' <F#1= ' 2' "=' C =C1' DFC' K%$".' M' /=C' " #$=C-' =1' I F' =WE% I I #" .-' I % -' I =C' I " C1$=C-' 1%#1=C' 2=C' D=$C%""=C' = I D2%L.=C' / F"C' I %"' J%#&=$"= I ="1

=' C%"1' 1%#1=C' E=C' ="1$=D$ C=C' /=' 2F' E%#$' /=' % I =-' %=' C%"1' 2=C' 1$%#K2=C' N# =22=' DF$&="F 1' M' C#CE 1=$' ="' $F"E=' N# ' C%"1' EF#C=' N#=' /=D# C' 2=' $QJ"=' /=' %# C' G ;' %"' F' 1%2.$.' 2=' E%#$C' /=C' %#&$FJ=C' N# -' =" ' F<<F K2 CCF"1' 2 = I D $=' /=' 2F' $=2 J %"-' 1="/F ="1' ="E%$=' D2#C' M' /.1$# $=' 1%#1=' D$.D%"/.$F"E=' /#' DFD=' =' "=' <#1' / FK%$/' N#=' N#=2N#=C' D QE=C' /=' (O.M2$=' 1=22=C' N#=' 2=' =1E -' =1' ="C# 1=' /=C' D$%/#E1 %"C' /=' 1%#1' J="$=' N# ' %"1' <F 1' 2=' D2#C' J$F"/' I F2

3=C' K#22=C' C./ 1 =#C=C' /#' DFD=' %"1' E $E#2.' / F"C' 2 = I D $=' 3=C' 2=11$=C' %"1' .1.' D%$1.=C' DF$' #"' &F2=1' /=' EOF I K$=' /#' DFD=' /=' F&%"=' M' L%"-' =1' E =C1' #"=' <= I I =' N#' /=' L%"' 2=C' F' D%$1.=C' M' 7F$ C ' 3F=O=$-' $=J%$ %-' 2=' D Q$=' %"1F"F' %"1' .1.' E% I D$%0 I C' / F"C' E=C' "1$ J#=C ' 4"' 1=2' .1F1' /=' EO%C=C' "=' CF#$F 1' C=' D$%0 2%"J=$ ' =' DFD=' I =' D$="/' D%#$' #"' /=C' $% C' <F ".F"1C' %#' I 0 K.E 2=C' N#=' C#K #J#F' $.J% $=' ; ' :=' &=#W' CF&% $' %#' ="' C# C-' %a' 2 %"' D$.1="/' I =' E%" / # $=-' M' N#=2' D% "1' %"' &=#1' C F$0 $Y1=$

' 2=' DFD=' <F 1' 2F' D$% I =CC=' C%2="" =22=' /=' "=' $ ="' <F $=' E%"1$=' 2=C' F$1 E2=C' /=') * -' N# 2' $=1%#$"=' M' % I =-' N# 2' & ="" =' M' 7F$ C-' N# 2' EO% C CC=' #"' F#1$=' D% "1' /=' 2 = I D $=-' E=11=' 2 K=$1.' 2#' =C1' / %"".=' DF$' 2=' C."F1#C+E%"C#21=' ' CF "1' 7 =$$=' $=&="F 1

\ 722 2 ' :4 ;

F#' I %"/=-' E=' "%' C=$F 1' DFC' M' %I=' N# 2' $F 1 ' 2' F' N# 11.'
"1 %EO=-' 2' F' D$.<.$.' %I=' M' :.$#CF2=I ' DF$E=' N#=' %I=' .1F 1' 2F' D$=I Q$=' /=C' EFD 1F2=C' =1' 2=' C. %#$' /=C' =I D=$=#$C-' E%I I=' 2 =C1' F# %#$/ O# ' 7F$ C

8# 2' <FCC=' / F 22=#$C' E=' N# 2' &%#/$F' F&=E' 2=C' D# CCF"E=C' .1$F"JQ$=C-' =' "=' I ="' IY2=' DFC ' 2' 1$%#&=$F' ="' #1$ EO=' 2=C' IY I=C'D$ "E D=C' /=' 2 K=$1.' %#' IY I=' /%' D2#C' .1="/#C ' F C' EOFN#=' D# CCF"E=' <F 1' E=' N# ' DF$FZ1' I =#W' 2# ' E%"&=" $ ' "C -' M' 2 .JF$/' /=' 2 "C1 1#1 %"' EF"%" N#=-' D# CN#=' 2=' DFD=' C =C1' %KC0 1 ".' M' "=' DFC'=W.E#1=$' 2=' E%"E%$/F1-' =' D=#W' =1' =' /% C' /F"C' 2=C' E $E%"C1F"E=C' L' $="%"E=$

2 % 2M-' I=CC =#$C' /#' EOFD 1$=-' I=C' D$ "E D=C-' <F 1=C+2=C' E%"0 "FZ1$=' M' &%1$=' E%#$ ' 2C' C%"1' 1%#C' M' 2 F&F"1FJ=' /=' 2F' $=2 J %"-' =1' =' "=' I ="' .EF$1=$F ' F I F C

' =' C% I I F $=' /=' E=1' ="1$=1 ="-' E%"C=$&.' /F"C' 2=C' DFD =$C' /#' I " C1 =' /DC' E#21=C-' " F' DFC' .1.-' E% I I =' 1F"1' / F#1$=C' D QE=C' /=' I = I =' "F1#$=-' "C.$.' /F"C' 2F' E%$$=CD%"/F"E=' /=' ! FD%2.%"' sd {

' (' H "'&' ' ' 3 ' ""i' # #-
! ' 3 ' 4

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%"C= J"=#$-

F' 2=11$=' N#=' ; %1$=' WE=22="E=' I F' <F 1'2 O%""=#$'/%' I .E$ $=-' ="' /F1=' /#' ' <.&$ =$-' I F' =1.' /F"C' 2 .1%""= I ="1' =1' 2F' D=$0 D2=W 1. ' : F ' / FK%$/' E$#' N#=' 2=' E%"C= 2' /#' E2=$J.' /%"1' 2' =C1' N#=C1 %"' .1F 1' 2=' E%"C= 2' /#' E2=$J.' I .1$%D%2 1F "' /=' 7F$ C-' /%"1' =' C# C' =<<=E1 &= I ="1' I = I K$=' "' I F' <F 1' ="C# 1=' ="1=" /$=' N# 2' C FJ CCF 1' /=' 2F' E% I I CC %"' /=' EF$/ "F#W' =1' / .&YN#=C' N#

=#1' 2 =#' 2 F"".=' /=$" Q$=' : F&F C' K ="' ="1="/#' / $=' N# %"' 2F' E%"&%N#F 1' /=' "%#&=F#' $ I F C' E% I I =' $ ="' "=' I F&F 1' .1.' C J" < .' C#$' E=11=' E%"&%EF1 %"-' .1F C' ="' /$% 1' /=' E$% $=' N#=' : = ' " .1F C' D% "1' /#' "% I K$=' /=C' E%"&%N#.C

: %C=' D$ =$' ; %1$=' WE=22="E=' /=' &%#2% $' K ="' I FDD$="/$=' C ' =22=' I FDD=22=' 2#"/ ' / FD$QC' 2 %$/$=' N# =22=' F#$F' $=P#' ="' J."."0 $F2' /=' $FCC= I K2=$' 2=C' F"E ="C' I = I K$=C'/=' 2F' E% I I CC %"-' %#' C ' 2 = I D=$=#$' F' 1. I % J".-' "% I I . I ="1' N#=' C%"' "1="1 %"' .1F 1' N#=' L' FCC C1FCC= ' 3F"C' 2=' D$= I =$' EFC' F#$F C' K ="' /=C' $F C%"C' /=' I =WE#C=$' / L' FCC C1=$' 1' 2 F"".=' /=$" Q$=' =' I =' $=2 $F ' /=' 2F' E% I I CC %"' F&F"1' N# =22=' =]1' < "' C=C' C.F"E=C-' F&=E' 2 FJ$. I ="1' /=' 2=' EF$/ "F2' =C=O ' :=' D%#&F C' /%"E' Y1$=' $=JF$/.' /QC' 2%$C' E% I I =' " .1F"1' D2#C' I = I K$=' /=' 2F' E% I I CC %"' ' ' %"' WE=22="E=' F&F 1' 2=' 1= I DC' / .E%#1=$' I =C' $F C%"C-' ='E$% C' N# =22=' "=' 2=C' /.CFDD$%#&=$F 1' DFC ' F C' /F"C' 2=' I % I ="1' D$.C="1-' =' 2# ' ="' =WD%C=$F ' #"=-' E =C1' N#=' =' E$% C' N# #"' C I D2=' D$Y1$=' 1=2' N#=' =' C# C' =C1' /.D2FE.' /F"C' #"=' FCC= I K2.=' / .&YN#=C-' 1=22=' N# =22=' & ="1' / Y1$=' E%"&%N#.=' -' =1' N# 2' =C1' E%"1$=' 1%#C' 2=C' F"E ="C' #CFJ=C' /=' 2 L' FDD=2=$ ' :=' & ="C' /=' &.$ E$-' /F"C' 2=C' D$%EQC+&=$KF#W' /#' E2=$J.-' N#=' /F"C' 1%#1=C' 2=C' FCC= I K2.=C' /#' E2=$J.' =W1$F%$/ "F $=C' %a' 2 %"' E%"&%N#F 1' 2=C' .&YN#=C' N#' .1F ="1' /F"C' 2F' EFD 1F2=-' D%#$' /.2 K.$=$' C#$' /=C' I F1 Q$=C' /%' $=2 J %"-' %"' " FDD=2F 1' N#=' /=C'.&YN#=C-' =1' %"' "=' 2=#$'FCC%E F 1' F#E#"' 1O.%2%J ="S' N#=22=' < J#$=' #"' D$Y1$=' C=#2' <=$F 1+ 2' /F"C' E=C' FCC= I K2.=C' g

' ; %1$=' WE=22="E=' #J=' /F"C' CF' CFJ=CC=' N#=' ="=' D=#W' I =' / CD="C=$' / FCC C1=$' M' 2 FCC= I K2.=-' =22=' 1$%#&=$F' K%"' N#=' DF$' $=CD=E1' D%#$' 2=C' .&YN#=C' =' I FKC1 ="="=' /=' 1%#1=' &% W' /.2 K.0 $F1 &=-' =1' N#=' ='" F ='N#=' 2F' &% W' E%"C#21F1 &=-' E =C1+M+/ $=' N#=' ='<%#$" CC=-' C#$' 2=C' I F1 Q$=C' N#' C=$F ="1' I C=C' ="' /.2 K.$F1 %"-' 2=C' 2# I Q$=C' =1' 2=C' /%E# I ="1C' N#=' I =C' .2#/=C' =1' I %#' =WD.+

{ * 7 9 ' :3 ;

$ ="E=' D=#&="1' I =' I =11$=' /F"C' 2=' EFC' /=' /%""=$-' N#F"/' =' C=$F ' $=N# C' /=' 2=' <F $=

: F ' 2 O%""=#$' / .1$=' F&=E' #"' D$%<%"/' $=CD=E1-'

%"C= J"=#$-' /=' ; %1$=' WE=22="E=-

=' 1$QC+O# I K2=' =1' 1$QC+%K. CCF"1' C=$& 1=#$

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84 ' 3 ')*))

' <.&$ =$)))

%"' 21=CC=' I "="1 CC I =' 2=' EF$/ "F2' =CEO-' J$F"/' F# I c0 " =$' /=' 2 = I D $=-' F$EO=&YN#=' /=' L%"-' %"' I "="E=' 2=' EF$0 / "F2' F#$L-' F$EO=&YN#=' /=' 7F$ C-' %"' I "="E=' 2=' EF$/ "F2' FC=22 -' .&YN#=' /=' 7F$ I =-' ' 2=' E% I 1=' /=' F$$F -' F$EO=&YN#=' /=' %#$C-' ' 2=' E% I 1=' /=' 7$F/1-' F$EO=&YN#=' /=' F2 "=C-' ' 2=' KF$%"' %#$2 =$-' .&YN#=' / &$=#W-' ' 2=' KF$%"' 3#&% C "-' .&YN#=' /=' ! F"1=C-' ' 2=' KF$%"' F""FL-' .&YN#=' /=' $Y&=C-' =1' 2=' C =#$' I =$L-' E%"C= 22=$' /%' 2 #" &=$C 1.' I D.$ F2=-' %"1' .1.' E%"&%N#.C' DF$' %$/$=' /=' F' F =C1.' D%#$' 2#' C=$& $' /=' E%"C= 2 ' =C1' E% I I =' F11FEO.C' M' CF' D=$C%""=' =1' F#W' "1.$Y1C' /=' C=C' D=#D2=C-' /%"1' 2C' C%"1' 2=C' D$ "= DF#W' DFC1=#$C-' N# =22=' 2=C' F' $.#" C' /F"C' CF' EFD 1F2=-' F< "' N#=-' /F"C' 2=C' E $E%"C1F"E=C' FE1#=22=C-' 2C' 2#' 1$FE="1' 2F' I F$EO=' 2F' D2#C' E%"<%$ I =' F#W' E%"0 E 2=C' =1' F#W' #CFJ=C' /=' 2 J2 C=

=' DFD=' F' <F 1' #"' FE1=' / .&YN#=' #" &=$C=2' M' 2 .D%N#=' /#' $.0 1FK2 CC= I ="1' /#' E#21=' ="' $F"E=' ' 2' F' .1.' F#1%$ C.' M' E=1' FE1=' DF$' 2=C' E $E%"C1F"E=C' =W1$F%$/ "F $=C' %a' C=' 1$%#&F 1' 2 J2 C=

JF22 EF"=ˁ =1ˁ DF$ˁ 2 F#1%$ CF1 %"ˁ <%$ I =22=ˁ /=ˁ 2 = I D=$=#$ˁ /%"".=ˁ DF$ˁ 2=Cˁ F$1 E2=Cˁ C# &F"1Cˁ /#ˁ E%"E%$/F1ˁ i

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F#1%$ CF1 %"ˁ I Y I =ˁ /=ˁ 2 = I D=$=#$ˁ " F#$F 1ˁ DFCˁ $="/#ˁ 2=ˁ D%#&% $ˁ /#ˁ DFD=ˁ C#<< CF"1ˁ D%#$ˁ $="&=$C=$ˁ 2Fˁ #$ / E1 %"ˁ .D 0 CE%DF2=ˁ /=ˁ 1%#1=ˁ #"=ˁ E%"1$.=-ˁ C ˁ %"ˁ "=ˁ C .1F 1ˁ 1$%#&.ˁ /F"Cˁ /=Cˁ E $E%"C1F"E=Cˁ #" N#=C-ˁ CF"Cˁ N#% ˁ E=ˁ C=$F 1ˁ D%C=$ˁ ="ˁ D$ "E D=ˁ N#=ˁ 2=ˁ DFD=-ˁ ="ˁ "<2#="PF"1ˁ #"ˁ = I D=$=#$ˁ <F K2=-ˁ D%#$$F 1ˁ E#2K#1=$ˁ 2 .D CE%DF1ˁ /=ˁ 1%#1ˁ #"ˁ = I D $=

=Cˁ D$.1="1 %"Cˁ /#ˁ DFD=ˁ / Y1$=ˁ $=E%""#ˁ E% I I =ˁ .&YN#=ˁ #" &=$C=2ˁ %"1ˁ /%"Eˁ .1.ˁ E%"C1F I I ="1ˁ $= =1.=Cˁ DF$ˁ 2 = I D=$=#$Sˁ I F Cˁ 2=ˁ DFD=-ˁ C F#1%$ CF"1ˁ /=ˁ E=ˁ EFCˁ =W1$F%$/ "F $=ˁ=1ˁ #" N#=ˁ /F"Cˁ 2 J2 C=-ˁ Fˁ /=D# Cˁ 2=ˁ E%"E%$/F1ˁ FJ ˁ E% I I =ˁ C 2ˁ F&F 1ˁ #"

.C' 7 9 ' :4 ;

D%#&% $' FKC%2#' C#$' 2 .D CE%DF1 ' ' /=& ="1' /%"E' "/ CD="CFK2=' /=' D%C=$' /=' "%#&=22=C' 2 I 1=C' ="2$=' 2=C' D$.1="1 %"C' /#' DFD=' =1' 2 "/.D="/F"E=' /=' 1%#1=C' 2=C' "F1 %"C

=C' 2 I 1=C' C%"1' 1%#1=C' D%C.=C' DF$' 2=C' E%"E 2=C' =1' DF$' 2=C' N#F1$=' D$%D%C 1 %"C' /#' E2=$J.' /=' 2 J2 C=' JF22 EF"=

=' DFD=' 2=C' FLF"1' E%"C1F I I ="1' I .E%""#=C' /=D# C' 2=' E%"0 E%$/F1-' F' F =C1.' F' D$ C' 2=' DF$1 ' / "1=$$% I D$=' 1%#1=' E% I I #0 " EF1 %"' F&=E' 2=' DFD=' #CN# 2' E=' N# 2' F 1' D$c1.+C=$ I ="1' /=' "=' F I F C' $ ="' <F $=' E%"1$=' 2=C' N#F1$=' D$%D%C 1 %"C' /=' 2 J2 C=' JF22 EF"=' F$$Y1.=C' /F"C' 2 FCC= I K2.=' / =) *

"' =<<=1-' 2=' DFD=' F' FJ ' E%"1$=' 2=C' D$ "E D=C' /=' 2 J2 C=' JF22 EF"=-' 2%$CN#=-' E% I I #" N#F"1' 2=' E%"E%$/F1' F#' E%"C C1% $=' /=' EF$/ "F#W-' 2' F' .1.' I C' /=C' $.1 E="E=C' N# ' C%"1' F#1F"1' /=' J=$ I =C' /=' 1$%#K2=C' $ =1' 2=C' .&YN#=C' /=' $F"E=' %"1' $=E%""#' N# =22=C' .1F ="1' E%"1$F $=C' M' 2=#$C' D$ "E D=C

3=D# C-' 2=' DFD=' F' 2F"E.' /=C' K#22=C' / =WE% I I #" EF1 %"' D%#$' /=C' F<<F $=C' 1= I D%$=22=C-' =1' ="' E=2F' 2' F' .1.' E%"1$=' 2=C' D$= I =$C' D$ "E D=C' /=' 2F' $=2 J %"' =1' "%1F I I ="1' E%"1$=' E=#W' /=' 2 J2 C=' JF22 EF"=' -' N# ' "%' $=E%""FZ1' D% "1' 2=' /$% 1' / =WE% I I #" =$' 2=C' C%#&=$F "C

%$C' /#' E%"E%$/F -' 2=CD$ 1' /=' 2F' E%#$' /%' % I =' C=' < 1' &% $' I' F#' 2 =#' / .1FK2 $' /QC' 2%$C' 2=C' EOFD 1$=C' E% I I =' ".E=CCF $=C' D%#$' 2 %$/$=' O .FEO N#=-' 2' " ="' =C1' I ="1 %"' N#=' E% I I =' / #"=' "C1 1#1 %"' /%"1' %"' D%#&F 1' C=' DFCC=$-' =1' N# ' "=' C=$F 1' D% "1' /%1.=' "' D$.C# I F' N#=' 2=C' .&YN#=C' $=C1=$F ="1' CF"C' EOFD 0 1$=C-' N# 2C' ="' C=$F ="1' / F#1F"1' D2#C' <F K2=C-' =1' N#=' D="/F"1' 2=C' &FEF"E=C' 2=' DFD=' J%#&=$"=$F 1' 2=C' / %EQC=C' DF$' CEC' /.2.0 J#.C

=11=' /%E1$ "=' =C1' DF$= 22= I ="1' /. I %"1$.=' DF$' 2=C' K$=<C' /#' DFD=' F#W' EOFD 1$=C' /=' 2%$="E=-' /=' 7F$ C-' / C1 -' K$=<C' N#' "1=$/ C="1' F#W' EOFD 1$=C' 2=W=$E E=' /=' 2=#$' F#1%$ 1.' ="' 2=#$

7 9 H ' :4 ; *)

/ . <= " / F " 1 ' / = ' 2 F ' / . 2 . J # = $ ' =C ' EOFD 1$=C ' %" 1 ' $=D%#CC . - ' / = ' C ' . 1$F " J=C ' D$. 1= " 1 %" C

= ' EOFD 1$= ' / = ' <M " ' 2# ' + ' I Y I = - ' N#% N#= ' " = ' <F CF " 1 ' DFC ' DF$1 = ' / = ' 2 J2 C= ' JF22 EF " = - ' F#CC 1c1 ' N#= ' 2= ' K$# 1 ' F ' E% I I = " E . ' M ' C= ' $. DF " / $= ' / = ' 2F ' E% " / # 1= ' / #' DFD= ' E% " 1$= ' 2=C ' EOFD 1$=C - ' =1 ' E% I I = ' 2 F ' &#' N#= ' 2F ' &FEF " E= ' / #' C =J= ' I . 1$%D%2 1F " ' / =D# C ' D2#C ' / #" ' F " ' <F CF 1 ' 2= ' D2#C ' J$F " / ' 1%$1 ' F#' 1= I D%$=2 =1 ' F#' CD $ 0 1#=2 / = ' E= ' / %EQC= - ' F ' . 1 . ' F#+ / =&F " 1 ' / = ' 2F ' 1= " 1F1 &= ' / = ' DF$= 22=C ' = " 1$=D$ C=C ' = " ' C F / $=CCF " 1 ' M ' F ' F =C1 . - ' D%#$ ' 2 FCC#$=$ ' N#= ' 2=C ' D$. 1= " 1 %" C ' / #' DFD= ' C=$F = " 1 ' #" &=$C=22= I = " 1 ' $= =1 . =C ' E% I I = ' E% " 1$F $=C ' F#W ' D$. $%JF1 &=C ' / =C ' EOFD 1$=C ' =1 ' F#W ' / $% 1C ' / = ' 2 . D CE%DF1 ' "C1 1# . ' DF$ ' : . C#C+ O$ C1

= ' DFD= ' F ' "C1 1# . - ' DF$ ' C%" ' K$=< ' / #' ' " %&= I K$= ') *) - ' 2= ' EF$ / " F2 ' / ' 7 =1$%' C%" ' <%" / . ' / = ' D%#$&% =C ' = " ' $F " E= - ' = " ' 2# ' / %" " F " 1 ' 1%#C ' E=#W ' M ' 2 =<<=1 ' / = ' D%#$&% $ ' F#W ' K=C% " C ' / = ' 2 J2 C= ' 2 F ' F " C ' &%#2#' "1$% / # $= ' #" = ' #$ / E1 %" ' E% " 1$F $= ' F#W ' D$ " E D=C ' N# ' $. J CC= " 1 ' E=11= ' J2 C=

=C ' D$ " E D=C ' / #' DFD= ' =1 ' CF ' E% " / # 1= ' D$%#&= " 1 ' N# 2 ' &=#1 ' <F $= ' / = ' 2F ' $F " E= ' E= ' N# 2 ' F ' <F 1 ' / = ' 2 22= I FJ " = - ' 2F ' J%#&=$ " =$ ' DF$ ' #" ' & EF $= ' FD%C1%2 N#= - ' M ' D=#' D$QC ' E% I I = ' = " ' %22F " / = ' =1 ' 2=C ' DFLC ' %a ' 2F ' $=2 J %" ' " =C1 ' N#= ' 1%2 . $. = ' =1 ' %a ' 2=C ' D$ " E=C ' " F#0 $F = " 1 ' DFC ' &%#2#' 1%2 . $=$ ' 2 . D CE%DF1

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.C# 7 9 ' :4 ;

2 = I D $=-' 2 "C2H#1 %"' /=C' .&YN#=C']1' /%"".=' DF$' 2=' DFD=+
"/.D="/F I I ="1' /#' <F 1' I Y I =' /=' 2F' &FEF"E=' /=C' D$ "0
E DF#W' C QJ=C' /=' 2 = I D $=-' 7F$ C-' 2%$="E=-' =1E -' =1E -' =1' /#'
$%LF# I =' / 1F2 =-' 2F"-' ; =" C=-' =1E -' =1E -' &FEF"E=' %EEFC %"0
".=' DF$' 2F' E%"/# 1=' /#' DFD=' M' 2 .JF$/' /=C' K#22=C-' 2' F-' DF$' 2='
I Y I =' K$=<' F/$=CC.' F#' EF$/ "F2' / ' 7 =2$%-' /.E2F$.'N# 2' "=' /%"0
"=$F' F I F C' /=' K#22=C' F#W' .&YN#=C' "% I I .C ' 2' "=' C =C1' /%"E'
DFC' K%$".' M' F""#2=$' 2=' E%"E%$/F1' /=' <F 1-' 2' F' &%#2#' /.E /. I ="1'
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DFD=-' N#=' E=2# +E ' " F 1' D%C.' 2=C' 2 I 1=C' /=' C%"' F#1%$ 1.' ="'
$=E%""F CCF"1' E=22=C' N# ' %"1' .1.' D%C.=C' DF$' :.C#C+ O$ C1' 2# +'
I Y I =-' E =C1+M+/ $=' N# F#W' 1=$ I =C' /#' C."F1#C+E%"C#21=-' 2'
" F 1' #$.' /=' "=' $ ="' <F $=' ="' $F"E=' E%"1$=' 2=C' N#F1$=' D$%D%C 0
1 %"C' /=' 2 J2 C=' JF22 EF"=-' F$$Y1.=C' /F"C' 2 FCC= I K2.=' /#' E2=$J.'
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<F $=' E%""FZ1$=' E=' N# ' E%"& ="1' 2=' I =#W-' C% 1' N#=' 2 %"' $=& =""='
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' .2FCs' I %"' EO=$' ! FJ=%1- ' &%#C' Y1=C' E% I I =' I % ' F#' K%#1' / =' &%1$=' EF$$ Q$=' =1' =' C# C' D2#C' F&F"E.' N#=' &%#C ' 7# CC=' "%1$=' I %$1' Y1$=' D$.E =#C=' / =&F"1' 3 =# ' ' "%1$=' FCC%E F1 % ' / % 1' I %#$ $' E% I I =' "%#C-' CF' I %$1' C=$F' O%"%$FK2=' / =&F"1' 3 =#-' EF$' "%#C' I %#$$%"C' / F"C' 2F' <% ' =1' / F"C' 2F' C I D2 E 1.' / =' "%C' DQ$=C ' 1' E= I Y I %' O% I I =' N# -' E% I I =' &%#C' CF&=X-' F' .1.' C#C0 D=E1' =1' FEE#C.' / =' D#C 22F" I 1.' D $' 1F"1' / =' D=$C%""=C' =1' F#

+)*) D C #C+"$ &

/=/F"C =1 F# /=O%$C- =C1 F# %#$/ O# 2%#.' D%#$ C%"' E%#$FJ= DF$ 2=C I c I =C D=$C%""=C N# -' D%#$ 2F D2#DF$1-' F#$F ="1 K=C% "' N# %"' 2=#$ ="' "CD $b1

D$QC L F&% $ K ="' $.<2.EO -' =' E$% C /=&% $ &%#C /%""=$ 2F N#F2 1.' /=' & E=+J.".$F2 %# /=' & E=+$.J="1 ' : F ' K=C% "' ="' E=2F / O%"%$=$ &%C /=$" Q$=C F"".=C-' =1 /=' &%#C F#1%$ C=$ /F&F"1FJ=' M =W=$E=$ #"=' C#$&= 22F"E=' J.".$F2=' ="' I .$ N#=' D%#$ I F "1=" $ 2 =CD$ 1 /=' "%1$=' &%EF1 %"' -' N# ' =C1'#"' =CD$ 1 /% D$ Q$=-' /=' C 2="E=-' =1 /=' /.&%#= I ="1 F# C=$& E=' /#' E2=$J.

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%A $, ' /%&' , : & $48 ,9 : &' /9 : : =%&' !%' 6B' @$, !' ' &,' ($8, ,%@DE4% ' 94$&' % ' ' >&,' !%&' =@FG E4%&' /%' : : %&' % ' /%' $%@%&

' 4"=' F#1$=' E%"&="1 %"' D=#1' C=' <F $=-' C ' 1=22=' =C1' 2 "1="1 %"' /#' DFD=' %"' K#1' C=$F 1' /=' $.J2=$' 2=C' F<<F $=C' J.".$F2=C-' =22=' D%#$$F 1' $=D%C=$' C#$' 2=C' KFC=C' C# &F"1=C' S

!%#C' FEE%$/%"C' F#' DFD=' 2=' $%2%#$' /F"C' 2F' I .1$%D%2=' /=' 4% I =-' D%#$&#' N# 2' "%#C' D$Q2=' 2=' C=$ I ="1' N#=' D$=CE$ 1' 2%' E%"E%$/F1' =1' N#=' 2=C' DFD=C' %"1' 1%# %#$C' D$Y1.' F#W' = I D=0 $=#$C

3F"C' 2=' EFC' %a' 2' $=<#C=$F 1' /=' D$Y1=$' E=' C=$ I ="1-' "%#C' "=' D%#$$%"C' E%"C="1 $%"C' O' E=' N# 2' F 22=' $.C /=$' M' E=' N# 2' /= I =#$=' O' % I =S' I F C' "%#C' E%"C="1 $%"C' O' E=' N# 2' F 22=' $.C /=$' M' & J"%"' $ N#=' 2M' 2' F 1' 2 F/ I " C1$F1 %"' /%' 1%#1' 2=' CD $ 1#=2' F&=E' 2F' EO$.2 ="2.-' N#=' 2=C' D# CCF"E=C' EO$.1 ="'"=C' N#' &%#/$%"1' F&% $' F#D$QC' /=' 2#' /=C' EOF$J.C' / F<<F $=C-' $.C /="1' %#' I " C1$=-' F ="1' 2=C' I I #" 1.C' FEE%$/.=C' DF$' 2=' /$% 1' D#K2 E' F#W' FJ="1C' / D2% I F1 N#=CS' N# 2

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F 1'2=C' O%" "=#$C' C%#&=$F "C' =1' 2F' 2 K=$1.' /=' E% I I #" N#=$' F&=E' 2=C' J2 C=C' .1$F"JQ$=CS' N#=-' N#F"1'M' C%"' 1= I D%$=2-' /=#W' I 22 %"C' C=$%"1' F<<.E1.C' M' C%"' ="1$=1 ="S' E=C' /=#W' I 22 %"C' DFL.C-' C% 1' DF$' "%#C-' C% 1' DF$' 1%#C' 2=C' D$ "E=C' EO$.1 ="C-' C% 1' D$ C' C#$' 2=C' K."."< E=C' /=' 2F' EO$.1 ="1.-' C=2%"' N#=' E=2F' C FEE%$/=$F' 2=' I =#W' F&=E' 2F' I F" Q$=' /=' &% $' /#' DFD=

8#F"1' M' 2 =W=$E E=' /#' D%#&% $' CD $ 1#=2' /#' DFD=' /F"C' 2 "1.0 $ =#$' /=' "%1$=' = I D $=-' C ' 2=' DFD=' &F' M' % I =' =1' D$Y1=' C=$ I ="1-' "%#C' " =W J=%"C' $ ="' F#1$=' EO%C= ' 2' "=' E$% 1' DFC' /=&% $' D$Y1=$' E=' C=$ I ="1' =1+N# 2' F 22=' M' & J"%"-' "%#C'=W J=$%"C' /=' 2# ' 2F' D$% I =CC=' N# 2' "=' <=$F' $ ="' /F"C' "%1$=' = I D $=' /=' E%"1$F $=' F#W' N#F1$=' D$%D%C 1 %"C' /=' 2 J2 C=' JF22 EF"=

! %#C' "=' D%#&%"C' N#=' $.D.1=$' N#=' E=C' /=#W' %K =1C' C%"1' / C1 "E1C-' =1' "=' D%#$$%"1' F I F C' Y1$=' E%"<%"/#C' /F"C' #"=' I Y I =' E%"&="1 %"'S EF$' 2 "C1 1#1 %"' EF"%" N#=' " =C1' DFC' #"=' <F&=#$' N#=' "%#C' <F 1' 2=' DFD=-' E =C1' F#' E%"1$F $=' #"=' I F$N#=' /=' /.<.$="E=' =1' /=' E%"C /.$F1 %"' FEE%$/.=' ="' $F"E%' F#W' DFD=C ' =2F' "=' /% 1' /%"E' F&% $' $ ="' /=' E% I I #"' F&=E' 2F' /=#W Q I =' E%"&="1 %"

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C= I K2F"1ˢ <F $=ˢ F22#C %"ˢ Mˢ C%"ˢ /.<F#1ˢ /=ˢ 2 K=$1. ˢ :=ˢ 2# ˢ F
1. I % J".ˢ 1%#1ˢ 2=ˢ /.C $ˢ =1ˢ 2 =CD% $ˢ N# F&F ="1ˢ 1%#Cˢ 2=Cˢ J="Cˢ
.E2F $.Cˢ N# 2ˢ 1=$ I "=$F 1ˢ K ="1c1ˢ 2=Cˢ I F#Wˢ /=ˢ 2 J2 C=Sˢ 2ˢ I Fˢ
/ 1ˢ N# 2ˢ 2=ˢ C%#OF 1F 1-ˢ D%#$&#ˢ N#=ˢ CFˢ E%"CE ="E=ˢ "=ˢ <]1ˢ DFCˢ
K2=CC.=ˢ /=ˢ E=ˢ N# %"ˢ 2# ˢ /= I F"/=$F 1

Fˢ /.D#1F1 %"ˢ Fˢ .1.ˢ F/ I C=ˢ Mˢ I / ˢ 22=ˢ Fˢ .1.ˢ $=P#=ˢ F&=Eˢ #"=ˢ
C%$1=ˢ /=ˢ C="C K 2 1. ˢ =ˢ DFD=ˢ 2 Fˢ <F 1ˢ FCC=% $ˢ =1ˢ 2 Fˢ ="1$=1="#=ˢ
D="/F"1ˢ D$QCˢ / #"=ˢ O=#$=ˢ =1ˢ /= I = ˢ 2 F$EO=&YN#=ˢ /=ˢ %#$Cˢ
$="/ˢ Mˢ ; %1$=ˢ $F"/=#$ˢ #"ˢ E% I D1=ˢ /.1F 22.ˢ /=ˢ E=21=ˢ F#/ ="E= ˢ
! %#Cˢ F&%"Cˢ D="C.ˢ / #"ˢ E% I I #"ˢ FEE%$/ˢ N# 2ˢ <F22F 1ˢ DF$1 E#0
2 Q$= I ="1ˢ F11="/$ $ˢ 2=ˢ DFD=-ˢ =1ˢ . I %#&% $ˢ C%"ˢ E n #$ˢ /F"Cˢ 2Fˢ C 1#F0
1 %"ˢ %aˢ 2ˢ C =C1ˢ D2FE. ˢ 2ˢ C= I K2=ˢ D$Y1ˢ Mˢ $=D%#CC=$ˢ 1%#1=ˢ / CE#CC %"ˢ
=1ˢ 1%#1ˢ $F C%""= I ="1-ˢ I F Cˢ 2ˢ C= I K2=ˢ FEE=CC K2=ˢ Mˢ 2Fˢ C="C K 2 1. ˢ
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C= I K2F 1ˢ C Y1$=ˢ $.C=$&.ˢ 2Fˢ %#$".=ˢ / O =$ˢ D%#$ˢ $.<2.EO $ˢ C#$ˢ 2=Cˢ
2=11$=Cˢ N# ˢ 2# ˢ F&F ="1ˢ .1.ˢ $= I C=C ˢ 2 3 ! 4 *
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=C1' DF$' E=C' O=#$=#C=C' / CD%C 1 %"C' N#='"%#C' F&%"C' C#' O =$' I F1 "' N#=' 2=' DFD=' "=' $=D%#CCF 1' DFC' 2=C' %#&=$1#$=C' N# ' 2#' .1F ="1' <F 1=C-' N# '2' L' D="CF 1' 1$QC+C.$ =#C= I ="1-' I F C' N# '2' .2=&F 1' 2F' / << E#21.' /=' "=' D%#&% $' E./=$' O%"%$FK2= I ="1' CF"C' %# $' D$.F2FK2= I ="1' /=' CF' 2 K=$1.-'=1' CF"C' F&% $'#"' E%"C= 2' FCC=X' <%$1' /F"C' 2 %D " %"' D%#$' N# %"' 2='E$]1' EFDFK2=' /=' &F "E$=' CF' $.C C1F"E=-' FCC=X' "<2#="1' D%#$' #C1 < =$' C%"' F/O.C %"-' =1' N# '2' "=' &%#2F 1' DFC' 2=' EF$/ "F2' D "F' C=#2' D%#$' C%"' E%"C= 2-' F< "' /=' "=' DFC' 2 =WD%C=$' M' D%$1=$' C#$' 2# ' C=#2' 2F' $=CD%"CFK 2 1.' ="' EFC' N#=' CF' /.1=$ I "F1 %"' " =a1' DFC' 2 FCC="1 I ="1' J.".$F2

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(' 8#=22=' "<2#="E=' D2#C'$=CD=E1FK2=' D=#1+' 2' $=E%""FZ1$=' N#=' E=22=' /=' 1$% C' .&YN#=C' ="&%L.C' F&=E' 2 F#1%$ 0 CF1 %"' /#' C%#&=$F "' DF$'1%#1=' 2 J2 C=' /=' $F"E=-' N# ' F11="/' ="' J.I CCF"1' 2F' < "' /=' C=C' N#=$=22=C-' 1$% C' .&YN#=C' FLF"1' 2F' E%"0 < F"E=' J.".$F2=-' =1' N# ' %"1' /. M' C%#<<=$1' D%#$' 2 J2 C=-' FDD#L.' C=C' /$% 1C' /F"C' 2=C' 1= I DC' 2=C' D2#m' / << E 2=C' =1' 2=C' D2#C' %$F0 J=#W

2 ! (2' F' %KC=$&.' N#=' /=C' 1$% C' D$.2F1C'-' %"' " ="' E% I D2FZ1' N# #"' / . I J$.-' 7(##+! !(((

=' DF1$ F$E2 =' /=' ; ="""=' =C1' F$$ &.' O =$' F#' C% $S' Z' F' FCC C1.' M' 2F' <2"' /=' 2F' E%"<.$="E=-' N# ' F' /#$.' #CN# M' #"=' O=#$=' FD$QC' I /

=' DFD=-' /F"C' E=1'="1$=1 ="-' DF$F 1'F&% $' 1. I % J".' /=' 2FE%"+' F"E=' Z' "C C1='1%# %#$C'<%$1= I ="1'C#$'2F' ".E=CC 1.' / #"' E%"C= 2-' =1' DF$F 1' %DD%C=$' N#=2N#=' $.C C1F"E=' M' C ="JFJ=$' M' "=' $ ="' <F $=' E%"1$=' 2=C' N#F1$=' D$%D%C 1 %"C' /=' 2 J2 C=' JF22 EF"=' -' ="' /.E2F0 $F"1' 1%#1=<% C' N# Z' "=' &=#1' $ ="' <F $=' E%"1$=' =22=C

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:=' I=' C# C' $="/#' E=' I F1 "' F#' DF2F C' D%#$' /.E%#&$ $' N#=2C' C=$F ="1' 2=C' I %1 <C' EFEO.C' / #"=' $.C C1F"E=' N#' C=$F 1' C ' D=#' EF2E#2.=' ': d ' '□ ! ¯ ¯ ¯ ¯ ¯0 " ¯3 ¯ □ ¯ ¯ □#□ ¯ □¯ ! ¯ ¯ □ □ ¯ ¯ ¯ ¯ ! 5 ¯ ¯ □¯ □ □¯ ¯ ¯ ¯ □¯ ¯ ¯ ¯ *¯ ¯ (' 6 ' 8¯ ¯#□ ¯□!# ¯ ¯ ¯ □ □ ¯ ¯ □¯ □ & ¯*¯ □¯□ □ ! ¯ ¯ ¯ ¯ □ (¯9¯ ¯¯ □¯ ¯ ¯ ¯ ¯ ! □¯ □ □¯ ¯# ¯ ! ¯ ¯ □¯ □ ¯! ¯ ¯ □ ¯ □¯ ¯□¯ □¯ ' ¯ ¯3 ¯ "¯ ! □¯ □¯ ¯ □¯ □ ¯ □ ¯ ¯ ¯ "¯ □ ¯ □¯ ¯*¯ ¯ ! ¯ ¯ ¯ □ (((

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F %"=-' 4' IF')*))

%"C= J"=#$-' F "C ' N#=' F' =#' 2 %""=#$' /=' &%#C' 2=' I F"/=$' /F"C' I F' /.DYEO=' / O =$-' =' I =' C# C' $="/#' EO=X' 2=' DFD=' 2=' I F1 "' =1' F' EO=$EO.' F' $FCC= I K2=$' D%#$' 2 . I %#&% $' =1' 2 ="0 1$FZ"=$' 1%#C' 2=C' I %L="C' N#=' =' CF C' FJ $' F&=E' 2=' D2#C' / = I D $=' C#$' C%"' =CD$ 1 ' : F' .1.' K ="' FEE#= 22' =1' =' C# C' D$% I D1= I ="1' ="1$.' ="' I F1 Q$=' :=' 2# ' F' / 1' N#=' =CD.$F C' N#=' 2F' /.D#1F1 %"' N#' $=D$.C="1F 1' F#D$QC' /=' 2# ' 2 J2 C=' JF22 EF"=' 2# ' F&F 1' FDD%$1.' N#=2N#=' E%"C%2F1 %"' ="' 2=' I =11F"1' M' I c I =' /=' 1=$ I "=$' 2=C' I F#W' /=' 2 J2 C=-' N#=' 2=C' D$.2F1C' N#' 2F' E% I D%CF ="1' .1F ="1' /. M' /.C J"." C' DF$' 2 %D " %"' J." .$F2=' /=' 1%#C' 2=C' J="M' /=' K ="-' N#=' F' F =C1.' C= I K2F 1' 2=C' F&% $' E%"C#21.C' /F"C' E=' EO% W-' N# '/=&F 1' &% $' ="' =22=' D2#1c1' /=C' F I C' =1' /=C' /.<="C=#$C' /=' CF' EF#C=-' N#=' /=C' D=$C%""=C' EOF$J.=C' / F$$F"J=$' /=C' "1.$Y1C' / & C.C-' N#=' D=$C%""=' " J"%$F 1' N# 2C' F&F ="1' E%"C1F I I ="1' /%"".' /=C' D$=#&=C' / "1.$Y1' F#' CF "1+C QJ=' =1' C%22 E 1.' F' F =C1.' ="' CF'<F&=#$' =' DFD=' I F' $.D%"/#' N# '&%LF 1' 1%# %#$C' /=C' .&YN#=C' F&=E' 2=' D2#C' J$F"/' D2F C $-' N# '="' /%#1F 1' DFC' /=' 2=#$C' "1="1 %"C' =1' /=' 2F' D#$=1.' /=' 2=#$C' &#=C-' N#=' E=D="/F"1' '="' D%#&F 1' DF$2=$' /=' E%"C%2F1 %"' D# CN#=' 2=C' /=#W' E%"/ 1 %"C' N#' 2#' .1F ="1' D$%D%C.=C' "%' D%#&F ="1' Y1$=' ="' E%"CE ="E=' F/%D1.=C' DF$' 2# -' N#=' C#$' 2 "C1 1#1 %"' /=C' .&YN#=C' "% I I .C' DF$' 2=' J%#&=$"= I ="1' %"' D%#&F 1' C ="1=" /$=' ="' D$="F"1' E=$1F "C' F$$F"J= I ="1C' (N# '" F' DFC' /.1=$ I ".C -' I F C' N#=-' N#F"1' F#W' /=#W' E2F#C=C' /=' < W=$' #"' 1=$ I =' D%#$' 2 "C1 1#1 %"' EF"%" N#=' =1

Á" B 7: ' :4 ;

/ =' C ="JFJ=$' M' "=' $ ="' <F $=' E%"1$=' 2=C' N#F1$=' D$%D%C 1 %"C' / =' 2 J2 C=' JF22 EF"=-' 2' .1F 1' E%"&F "E#' N# 2' "%' D%#&F 1' L' FEE.0 / =$ ' ='2# ' F ' / 1' F#CC 1c1' N#=' ="' .1F C' / F#2F"1' D2#C' C#D C' N#=-' / #"=' DF$1-' 2=' E%"E 2=' .1F 1' D$Y1F' D$%"%"E=$' =1' M' 2# ' $F& $' 1%1F2= I ="1' #"' /$% 1' C#$' 2=N#=2' 2' M&F 1' ="' E=' I % I ="1' 2F' <FE#21.' / =' E% I D%C=$-' N#=-' / =' 2 F#1$=-' 2' / CF 1' 2# + I c I =' "=' &%#2% $' $ ="' <F $=' E%"1$=' 2=C' N#F1$=' D$%D%C 1 %"C-' =1' N#=' / =C' E%" / 1 %"C' F#WN#=22=C' F / O.$F ="1' 2=C' J2 C=C' / =' $F"E=' =1' / 1F2 =' "=' D%#0 &F ="1' "N# .1=$' CF' E%"CE ="E=

))' F' $=D$ C' N# 2' .1F 1' E%"&F "E#' / =C' / CD%C 1 %"C' / #' E%"E 2=-' I F C' N# 2' F&F 1' / =&F"1' 2# ' 2 =W= I D2=' / #' E%"E 2=' / =' 2F"' %a' 1$% C' E="1C' .&YN#=C' C .1F ="1' D$%"%"E.C' =1' %a' 2=' CF "1+C QJ=' F&F 1' =#' 2 F&F"1FJ=' D%#$' F&% $' D=$C.&.$.S' N#=' C#$' 2=' / =#W Q I =' D% "1-' 2' <F CF 1' #"=' J$F" / =' / <<.$="E=' ="1$=' "=' $ ="' <F $=' E%"1$=' 2=C' N#F1$=' D$%D%C 1 %"C' E%" / F I ".=C' DF$' 2=' DFD=' 2=WF" / $=' ; ' F#' I % I ="1' / =' CF' I %$1-' =1' C ="JFJ=$' M' E=2F' DF$' #"' FE1=S' N#=' C#$' =C' / =#W' D% "1C' 2' .1F 1' "1 I = I ="1' E%"&F "E#' / F"C' CF' E%"CE ="E=S' N# F#' C#$D2#C' 2' F&F 1' / = I F" / .' #"' E%"C= 2' C#$' E=C' F<<F $=C' / =' / %E1$ "= ' :=' 2# ' F ' / 1' ĭ E=' %"C= 2' &%#C' C=$F' $=" / #' N#F" / ' &%#C' &%#C' C=$=X' D$%"%"E.'S C ' &%#C' "=' &%#2=X' D%#$' E%2F' N#=' / =C' F#1%$ 1.C-' %a' D=#1+%"' ="' 1$%#&=$' / =' D2#C' <%$1=' N# #"=' F / O.C %"' J." .$F2=' / =' 1%#1=2 J2 C=' JF22 EF"=' =1' / =' 1%#1=' E=22=' / 1F2 =g' 8#=2' E%"C= 2' (C ' "% I K$=#W' N# 2' <]1 ' N# ' D# CC=' Y1$=' /#' I Y I =' D% / Cg' $% 1+%"-' F+1+ 2' / 1-' N# 2' C=' / .E / =' / FD$QC' C=C' %D " %"Cg' 3F"C' C%"' E%"C= 2' 2' / CE#1=-' I F C' 2' D=$C.&Q$=' / F"C' C%"' F& C' N#F" / ' CF' E%"CE ="E=' =C1' E%"&F "E#= ' #' C#$D2#C-' C#$' E=' D% "1' 2=C' CF&F"1C' .&YN#=C' / =' $F"E=' 2# ' %"1' / 1' D2#C' / =' $F C%"C' N#=' =' "=' D# C' ="' F22.J#=$

7%#$N#% ' / = I F" / =$' F2%$C' #"' E%"C= 2-' F + =' / 1-' N#F" / ' 2' =C1' / . M' E%"&F "E#g' =C1'#"' "E / ="1' "#1 2=' =1' .1$F"J=$' M' 2F' EO%C=-' D# CN#=' / #"' Ec1.' 2' "=' D=#1' $ ="' =1' N#=' / =' 2 F#1$=' 2=C' F& C

/%"".C C%"1 F#CC <%$1C #$ C#$D2#C- F + = F %#1.- =E%"& ="C N#= = "= D=#W 1$F 1=$ /=C N#=C1 %"C 1O.%2%J N#=C- I F C E% I I = F#1%$ 1. D%2 1 N#= F 2= /$% 1 / "1=$&=" $- /= / $= N#= 1%#1 2= I %"/= CF#$F N#= 2F DF W /= 2 J2 C= F / .D="/#/= 2# -' N#= 2=C J="C .E2F $.C N# 2# C%"1 F11FEO.C 2 "& 1="1 =1 2 ="JFJ="1- DF$ C%"' D$%D$= "1.$Y1 =1 D%#$ 2=#$ $=D%C- M 1=$ I "=$ #"= F<<F $= N# F 1$%D /#$. =1 N# =C1 F# %#$/ O# $./# 1= M C=C D2#C C I D2=C-.2. I ="1CS N# %"' "= D=#1 I F"N#=$ /%' 2# CF&% $ I F#&F C J$.-/F"C 2= I % I ="1 %a 2 J2 C= /= $F"E= %K1 ="4/=C CFE$ 8E=C /= F F =C1.- CFE$ < E=C /= D#$= J."$%C 1.- D# CN#= 2= E%"E 2= "F1 %"F FCC#$= C=C D2F"C =1 C=C "1.$Y1C- ="' FDD$=0 "F"1 N#= 2 J2 C= =1+C=C J. I CC= I ="1C " %"1 $ ="' D# %K1=" $ /#DFD= : F / 1 N#= 2=C EO%C=C " ="' F22F ="1 DFC I % "C Y1$= $.J2.=C =1 N#= C=C C#EE=CC=#$C K2b I =$F ="1 CF I . I % $= / F&% $ "#1 2= I ="1 CFE$.' 2=C F11$ K#1 %"C /# CF "1+C QJ=- =1 N#= = "= D%#&F C 2# EFEO=$ E% I I = I FJ C1$F1 E & 2 N#= 2F D%C1.$ 1. =1 2 O C1% $= 2= E%"/F I "=$F ="1 2 F $.D%"/# N#= 2 %D " %"' (2=C O% I I =C .1F 1 N#=2N#= EO%C= CF"C /%#1=- N# 2 .1F 1 D%CC K2= N# 2 <]1 K2b I .- I F C N#=- D# CN#= C=C %D " %"C 1="F ="1 M CF E%"CE ="E=- 2 D$="F 1 C%"' DF$1 C#$ E= D% "1 =1 %#K2 F 1 2= #J= I ="1 /=C O% I I =C D%#$ "= &% $ N#= E=2# / = 3 =# : F EO=$EO.M 1$%#&=$ 2= EO= I "' /= C%"' En #$ ="' 2# / CF"1 (#= = 2 F&F C &#' 2%"J1= I DC /F"C 2= I F2O=#$- N#= = D$="F C "1.$Y1 M CF C 1#F1 %"- N#= = "= D%#&F C I = I DYEO=$ /= 2# $=D$.C="1=$ N# 2 C= <2F11=$F 1 &F "= I ="1 N# 2 D]1 C= D$.C="1=$ D%#$ 2# / F#1$=C %EEFC %"C $ N#= 1%#1 E= N#= 2 = I D=$=#$ F&F 1 {D# FEE%$/=$ F#W C%22 E 1F1 %"C /= C%"' J2 C=- 2 2 F&F 1 <F 1 CF"C $.C=$&= C# &F"1 2 #CFJ= /= C%"' J$F"/ En #$ N#= = 2= E%" #$F C- I %- 1%#C C=C F I C- 1%#C 2=C < /Q2=C- /= K ="' &% $ CF D%C 1 %"' =1 E=22= /= 2 J2 C=- /= "= DFC %#K2 =$ =1 C=C D$ &F1 %"C D=$C%"0 "=22=C =1 E=22=C /= 1F"1 /= D=$C%""=C E% I D$% I C=C =1 N#

B 7 9 ' :4 ;

C%#<<$="1' D%#$' 2# ' 2' F' .1.' . I #-' I F C' =' " F ' $ ="' JFJ".' C#$' E=11=' %KC1 "F1 %"' "E$%LFK2= ' 2' I F' / 1' N#=' D%#$' 2# ' 2' .1F 1' / CD%C.' M' 1%#1-' =1' N# 2' <F CF 1' D=#' /=' E% I D1=' /=' 2# '$ N#=' D%#$' 2=C' F#1$=C ' 3 =#' L' D%#$&% $F 1-' I F C' N# 2' " FEKQ1=$F 1' F I F C' " ' 2F' DF W' /%"1' =' 2# ' DF$2F C' " ' 2=' $=D%C' /=C' DF$1 E#2 =$C' DF$' 2=C' CFE$ < E=C' N# ' 2# ' C%"1' D$%D%C=C ' 2' I F' ="C# 1=' N# 11.-' I =' DF$F CCF"1' 1%#EO.' I F C' $.C%2#

' 2=C' .&YN#=C' 2# ' %"1' FDD%$1.' FD$QC' E=11=' E%"<.$="E=' #"=' "%1=' D]#$' 2=' <F $=' =WD2 N#=$' C#$' 2 F$1 E2=' /=' 2 "C1 1#1 %"-' D% "1' C#$' 2=N#=2' 2C' D%#&F ="1' E%"C=$&=$' 2=' D2#C' / =CD% $-' I F C' 2C' %"1' 1$%#&.' 2F' I Y I =' $.C C1F"E= ' 2C' %"1' 2#' 2F' "%1=' =1' 2 %"1' D$.C="1.=' F#' DFD=' N# ' F' $=<#C.' /=' 2M' $=E=&% $' Î 2C' 2 %"1' 2F CC.=-' ="' D$="F"1' E%"J.-' C#$' 2F' EO= I ".=-' =1' 2' 2F' 2=#$' F' $="&%L.=' "' "=' D=#1' F""%"E=$' / #"=' I F" Q$=' D2#C' <%$ I =22=' 2 %DD%C 1 %"' M' 1%#1=' =CDQE=' / FEE% I I %/= I ="1 ' N#=2N#=' EO%C=' D=#1' "%#C' E%"C%2=$-' E =C1' N#=m' /#' I % "C' 1%#1' F' .1.' 1="1.-' N#=' 1%#1=C' 2=C' D$.EF#1 %"C' D%CC K2=C' %"1' .1.' D$ C=C' D%#$' 2=' C#EEQC' CF"C' N# F#0 E#"' "E /="1' C% 1' &="#' ="' = I DYEO=$' 2 =<<=1-' ="' C%$1=' N# 2' =C1' E%"C1F"1' N#=' 2F' ".J%E F1 %"' /=&="F 1' I D%CC K2=' M' $F C%"' /=C' / CD%C 1 %"C' /#' DFD=

; =# 22=X' FJ$.=$-' =1E -' =1E

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(#) ' H ' ' ['

3 ' 4

F&%"C-')" IF')*))

F' "# 1' F' .1.' FCC=X' FJ 1.=-' =1' F' DF$#' /%"'="$' 2 =#' M' K ="' /=C' $.<2=W %"C ' 22=C' 1="/="1' M' 2F' E%"E 2 F1 %"' F&=E' F' F =C1.-' I F C' DFC' ="E%$=' /=' I F" Q$=' M' "%#C' F#1%$ C=$' M' #C=$' /=' "%C' D%#&% $C

7 9 : 4 ; B

" I Y I = M 2=C / . E2F$=$ =WD$=CC . I ="1 =C% $ "%#C =" CF#$%"C /F&F"1FJ= F# / ="E=-.1.E%#$1= E= I F1 "- DF$E= N# F# 2 =# /=2F D$% I ="F/=%$/ "F $=/# C% $- 2= DFD= "%#C F F#1%$ C.C M &=" $ &=$C 2=C O# 1O=#$=C D%#$ E%"<.$=$ = I F1 " 2 DF$F CCF 1 #" D=# <F1 J#.

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F&%"=- s I F)*))

%"C= J"=#$- 2F I F1 ".= /= E= %#$ "%#C /%""= #" D=# D2#C / =CD% $ N# O =$. /%E1=#$ 7%$1F =C1 &="# /= I F"/=$ C 2=C .&YN#=C $F ="1&% $ 2= DFD= 2# F .1.$.D%"/# N# %" "= 2= E$%LF 1 DFC =1 N#=- &%LF"1 2 "#1 2 1.//= D$%2%"J=$ #"= / CE#CC %" C#$ 2FN#=22= %" "= D%#&F 1 C FEE%$/=$- 2C C =" FKC0 1="F ="1 D$%KFK2= I ="1 DF$ $=CD=E1 D%#$ CF D=$C%""= =/%E0 1=#$ F "C C1.#" D=# /F&F"1FJ= =1 %" F E%"1 "#.//F"C 2= I Y I = C="C F C 2= DFD= F ="&%L./ $= DF$ #" /= C=C J="C N# 2 2=C &=$$F 1 F&=E D2F C $S F "C E =C1 2# + I Y I = N# 2=C F $=EO=$EO.C 4C C L C%"1 $="/#C =1 /F"C 2= <F 1 2C %"1 D# FK%$/=$ D2#C 2 K$=0 I ="1 2F N#=C1 %"S 2C %"1 .1. .E%#1.C F&=E D2#C / F11="1 %" S 2C " %"1 /]'="1F I =$ N#= 2 F$1 E2= $=2F1 < M 2 "C1 1#1 %" EF"% N#= = DFD= L 1 =1 ="E%$= N#=2N#= $=C1$ E1 %" M 2FN#=22= 2C "= &=#0 2="1 DFC FEE./=$- I F C 2C ="1$=&% ="1//= I = 22=#$=C / CD%C 1 %"C N#= 2=C %#$C D$.E./="1C E= " =C1 ="E%$= N# #"= 2#=#$ 2.JQ$= / =CD.$F"E=

! %#C %KC=$&=$%"C N#= 2= DFD= / 1 I F "1="F"1 2F I =CC= /# F "1+ CD$ 1 1%#C 2=C I F1 "C E=2F "= I .1%""= DFCS = CF C N#= /F"C D2#C =#$C E $E%"C1F"E=C %a :=2F &#.K$F"2.- 2 =" <F CF 1

)' 7 ' :4 ;

F#1F"1-' =1' N#=-' "%1F I I ="1' 2%$CN# 2' .1F 1' N#=C1 %"' /=' C%"' &%LFJ=' M' 7F$ C-' FD$QC' F&% $' DF$#' O.C 1=$-' 2' / 1' #"' C% $' M' 2 .&Y0 N#=' /=' F&%"=' N# %"' 2# ' E%"C= 22F 1' /=' DF$1 $-' I F C' N# 2' " .1F 1' DFC' "CD $.' M' E=1' .JF$/

' 2=C' .&YN#=C' 2=' &=$$%"1' E=' C% $S' D=#1' Y1$=' 2=C' <$.N#="1=C' E% I I #" EF1 %"C' D$%/# $%"1+=22=C' 2=#$' =<<=1S' / #"' F#1$=' Ec1.-' %"' <F 1' ="' C%$1=' /=' 2 . I %#&% $-' C% 1' DF$' 2=C' J="C' N#' 2 FDD$%0 EO="1-' C% 1' DF$' 1%#C' 2=C' I %L="C' N#' C%"1' =" ' "%1$=' D%#&% $

3F J"=X' FJ$.=$-' =1E -' =1E

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>' !% 89> %' /%' 8 $9!' 4' >,:,& $%'
/%&' #

F&%"=')' IF')*))

%"C= J"=#$-' "%#C' F&%"C' <F 1' "%1$=' D%CC K2=' D%#$' E#21 &=$' 2F' 2#=#$'/ =CD% $' N#=' "%#C' F&%"C-' &#=' C=' I F" <=C1=$' O =$-' D=$C#F0 /.C' N#=' C ' #"' EF$FE1Q$=' E% I I =' E=2# ' /#' DFD=' E% I I ="E=' M' C=' $=" /$=-' %"' D=#1' =CD.$=$' #"%' CC#=' <F&%$FK2=' M' 2F' ".J%E F1 %"' ' - ¯ ¯0 ¯ ¯ ¯#□ ¯ □ : □ ¯ ¯ □ ¯ □ " ¯ ¯ □ ¯ ¯ □ ¯ # ¯ ¯! □ ¯ ¯ □ ¯ ¯ ¯ ¯ □ ¯ □ ¯ ¯ ¯ ¯ ¯ ¯ □ ¯ ¯ ¯ ¯ ¯ ¯ ¯ ¯ ;% ¯ □ ¯ □ ¯ □ ¯ ¯ ¯ □ ¯ □ ¯#□ < ¯ □# (' =' DFD=' 2 F' .E%#1.' F&=E' D2F C $-' 2#' F' I %"0 1$.' /=' D2#C' O=#$=#C=C' / CD%C 1 %"C' N#=' D$.E./= I I ="1-' =1' 2#' F' I Y I =' / 1' N#=' C 2' /=&="F 1' 2 K$=-' DF$F CCF"1' F&% $' 2=' EO% &' / #"=' & 22=' D%#$' C=' $=1 $=$-' 2' D$.<.$F 1' #"=' & 22=' / 1F2 =' M' E=22=' / & J"%"' =' I %1' C= I K2=' "/ N#=$' N# 2' F' $.<2.EO' C#$' E=' D$% =1

:%' I =' C# C' $="/#'/=' "%#&=F#' EO=X' 2=' DFD='$ =1' F ' $=D$%/# 1' F&=E' D2#C' /=' <%$E=' 2=C' 1="1F1 &=C' <F 1=C' D$.E./=I I ="1 ' =' DFD=' F' DF$#' E=22=' <% C' <$FDD.'/=' I =C' $F C%"CS' 2' 2=C' F' .E%#1.=C' F&=E' D2F C $-' L' =C1' $=&="#' M' D2#C =#$C' <% C-' =1' F' DF$2.'/#' DFCC.' CF"C' F I =$1# I =' : F ' D$%< 1.'/=' E=' I % I ="1' D%#$' F11="/$ $' C%"' En#$' DF$' 2 /.=' /=' 1%#1=C' 2=C' D=$C%""=C' E% I D$% I C=C' D%#$' 2# ' N# ' F11="/F ="1' /=' 2# ' C=#2' 2F' E=CCF1 %"' /=' 2=#$C' I F#W ' :=' 2# ' F ' 1$%#&.' F' E=1' .JF$/' D2#C' /=' C="C K 2 1.' N#=' /=' E%#1# I =$' ="' 1%#1-' 2' I F' DF$#' N#=' 2=C' E $E%"C1F"E=C' DF$F CC="1' C=' D$.DF$=$' I =#W' N#=' =' "=' 2 F&F C' =CD.$.

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3 ' 4

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%"C= J"=#$-' F ' =#' 2 O%""=#$' /=' &%#C' "<%$ I =$' N#=' 2=' DFD=' F&F 1' I %"1$.' F&F"1+O =$' N#=2N#=C' / CD%C 1 %"C' D2#C' O=#$=#C=C' N#=' 2=C' %#$C' D$.E./="1C-' N#=' "%#C' 2=C' F& %"C' E#21 &.=C' 1%#C' ="C= I K2=' F&=E' 2=' D2#C' J$F"/' C% "' 3F"C' 2M' %#$".=' / O =$' 2' F' D$%D%C.' N#=2N#=C' E%"/ 1 %"C' $=2F1 &= I ="1' M' 2 "C1 1#1 %"' EF"%0 " N#=' /=C' .&YN#=C-' I F C' 2' .1F 1' 2% "' / FEE./=$' M' E=22=C' N# ' 2# ' .1F ="1' %2<=$1=C ' =' I F1 "' =' I =' C# C' $="/#' EO=X' 2# ' FD$QC' I Y1$=' E%"E=$1.' F&=E' ' 2=C' .&YN#=C' /F"C' 2 "1="1 %"' /=' 2# ' DF$2=$' F&=E' 2F' D2#C' J$F"/=' ."=$J =' :=' 2 F ' / FK%$/' 1$%#&.' C% I K$=-' =<<=1' N#=' F ' F11$ K#.' F#' 1= I DC-' N# ' =C1' <%$1' I F#&F C' =1' N# ' "<2#=' K=F#E%#D' C#$' C=C' / CD%C 1 %"C-' I F C' F ' K ="1c1' =#' / CC D.' E=C' "#FJ=C' =1' =' 2# ' F 1' / 1' I' N#=' =' &%LF C' F&=E' 2=' D2#C' J$F"/' $=J$=1' DFCC=$' #"' 1= I DC' D$.E =#W' ="' / CE#CC %"C-' =1' CF"C' $ ="' E%"E2#$=' $ N#=' =' /=&F C' 2# ' <F $=' %KC=$&=$' N#=' E=

" .1F 1' DFC' F&=E' /=C' E% I D%C 1 %"C' =1' /=C' E%" / 1 %"C' .&FC &=C' N# 2' $.#CC $F 1' F&=E' F' F =C1.-' N#=' C%"' OFK 1# /=' .1F 1' /=' ' D% ' =1' "%"' (##1 '-' N# #"=' E%"E=CC %"' N# ' "=' C=$F 1' DFC' 1%1F2=' 2F CC=$F 1' 2=C' EO%C=C' /F"C' 2=#$' .1F1-' C ' =22=' "=' E%"1$ K#F 1' DFC' M' 2=C' = I D $=$ ' :=' 2# ' F ' / 1' N#=' E .1F 1' ═ ═# ═! & □% ' N# 2' %K1 ="/$F 1' / =22=' N#=2N#=' EO%C=' =1' "%"' DF$' /=C' $=<#C' N# ' "=' <=$F ="1' N#=' 2F' E%"&F "E$=' /=' 2 I D%CC K 2 1.-/ #"' FEE%$/-' =1' F %#1=$' M' CF' D# CCF"E=' =1' M' 2F' &F2 / 1.' /=' CF' EF#C=' S N# =22=' F&F 1' /F J".' FEE%$/=$' K=F#E%#D' M' C%"' J2 C=-' DF$E=' N# =22=' F&F 1' $.E2F I .' DF$' 2 %$JF"=' /%' C# =1C' C%# I C-' =1' ="' &#=' /#' K ="' J."$F2-' N# =22=' FEE%$/=$F 1' CF"C' /%#1=' ="E%$=' M' 2F' E%"0 /=CE="/F"E=' =1' M' 2F' D$=#&=' /=' K%""=C' / CD%C 1 %"C' $=' F' F "0 1=1.-' I F C' "=' E./=$F 1' DFC' M' /=C' D$%D%C 1 %"C'.N# &%N#=C-' =1' N# ' "=' /%""F ="1' F#E#"=' JF$F"1 =' S N# F#' C#$D2#C-' F' F =C1.' #/ □ □□ ═ ═ ═ □ ═ ═ ═ ═ ! □ ═ ═ ═! & ! " ═ ═ ═ 3 ═ ! □ □ ═ ═ * ═ □& ! ═ ═! N# 2' "=' D%#&F 1' $ ="' D=$/$=' /F"C' CF' D%C 1 %"-' 1F"/ C' N#=' 2# + I Q I %' &=$$F 1' 2 J2 C=' %1' 1%#1=' 2F' D%D#2F1 %"' /#' J$F"/' = I D $=' 2=' K2b I =$' /%' " F&% $' E% I D1.' D%#$' $ ="' " ' 2=#$C' 2F$ I =C-' " ' 2=#$' $=D%C-' =1' N#=' C=C' C#EE=CC=#$C' 2# ' $=D$%EO=$F ="1' F#CC ' 2F' D=$1=' / #"=' E $E%"C1F"E=' <F&%$FK2=' M' 2 J2 C=' =1' N# ' "=' C=' D$.C="1=$F 1' D2#C' DF$E=' N# F#E#"' "1.$Y1' "=' 1=" /$F 1' M' 2F' <F $=' $="FZ1$=' : F ' F %#1.' N#=' C 2' .1F 1' =" & $%"".' /=' C=C' F I C-' 2C' C=' =11=$F ="1' 1%#C' M' C=C' D =/C' D%#$' 2=' E%" #$=$' /=' "=' DFC' CFE$ 8=$' F "C ' ' /=' &F "C' CE$#D#2=C' 2=' K ="' /=' 2 J2 C=-' 2=' $=D%C' /=C' D=#D2=C-' C%"' C%$1' =1' 2=' 2=#$S' N#=' CF"C' /%#1=' 2' D%#&F 1' C=' /.< =$' /=' I % -' I F C' N#=' 2=' 2F"JFJ=' /=' 2F' &.$ 1.' F&F 1' CF' <%$E=' DF$' 2# + I Y I =' =1' N# 2' /=&F 1' &% $' N#=' =' " .1F C' J# /.' N#=' DF$' =22=' /F"C' E=11=' E $E%"C1F"E=-' D# CN#=' / F 22=#$C' =' D%#&F C' Y1$=' 1$F"N# 22=' C#$' 2=C' /$% 1C' =1' 2=C' D2F"C' /=' I %"' C%#&=$F " :=' "=' /% C' DFC' / CC I #2=$' N#=' E=' / CE%#$C-' N# ' F&F 1' D2#C' /=

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& J#=#$' /F"C' 2F' E%"&=$CF1 %"' DF$' 2 OFK 1#/=' N#=' F ' /=' DF$2=$' 2 K$= I ="1' F&=E' 2=' DFD=-' F' <F 1' #"="' <%$1=' I D$=CC %"' C#$' 2# ' $ E=' N# 'I I F' / 1' /F"C' E= -' "1=$&F22=' " F' =#' F#E#"=' <%$E=-' =1' 'I " F' $.D%"/#' ="C# 1=' N#=' DF$' /=C' $F C%"C' <F K2=C ' 'I E$F "1' D%#$' 2 F&=" $' /=C' $=D$%EO=CS' 2=C' I CC %"C' "=' C=$%"1' D2#C'/ F#0 E#"' C=E%#$C' DF$E=' N# %"' 2=' E$% $F' /F"C' 2F' /.D="/F"E=-' 2=C' D$./ EF1 %"C' "=' C=$%"1' DFC' FCC=X' 2 K$=C ' 'I I F' .1.' <FE 2=' /=' $=D%#CC=$' E=C' E$F "1=Ci' N#' %C=$F' /F"C' #"' E%"C= 'I CFJ=-' C=' D$%"%"E=$' E%"1$=' 2 F& C' /=' 2 J2 C=' /=' $F"E=' =1' / #"' C%#&=$F "' ' N#' 2#' F#$F' $="/#' 1%#1=' C%"' F<<=E1 %"g' N#=' "=' D%#$$F+1+ 'I DFC' ="' <F&=#$' /=C' I CC %"C-' N#F"/' 'I 2=C' FDD# =$F' /=' 2 "<2#="E=' / #"' I %"F$N#=' /%"1' 2=' "% I '$= I D2 1' 2 #" &=$Cg8# 'I E%"C#21=' 2=C' K=F#W' 1= I DC' /=' 2 J2 C=' í " =C1+E=' DFC' /F"C' 2=C' I % I ="1C' %a' 2F' I F =C1.' =1' 2F' D# CCF"E=' /=C' = I D=$=#$C' C #" CCF 1' / #"' E% I I #"' FEE%$/' F&=E' 2F' CF "1=1.' /#' EO=<' /=' 2 J2 C=' g' 8#=22=C' ="1$F&=C' C=$%"1' %DD%C.=C' M' 2F' D$./ EF1 %"' N#F"/' 'I " L' F#$F' D2#C' /=' DFCC %"' " ' /=' / & C %"-' =1' N#=' 2F' I %$F2=' /=' 2 &F"J 2=' C=$F' 2=' C=#'I K#1' /=' 2 .2%N#="E=' /=' 2F' EOF $=g' 3F"C' E=' I % I ="1' I Y I =' =' D# C' 2 FCC#$=$' DF$' E=' /%"1' =' C# C' 1. I % "' N#=' 1%#1' FDc1$=' < /Q2=' 1$%#&=' D$%1=E1 %"-' FDD#' =1' 2 K=$1.-' =1' N#=' F I F C' 'I "=' C =C1' .2=&.' ="1$=' 2=C' .&YN#=C' /=' E=' /.DF$1= I ="1' =1' I % ' F#E#"' E%"<2 1' N#=2E%"N#=-' N#=' 2 "1="1 %"' #" N#=' =C1' / = I DYEO=$' N# %"' "=' &=" /=' /#' D% C%"' F#' 2 =#' /=' D$YEO=$' 2F' DF$%2=' /=' 3 =#' =' DFD=' " F' D$=CN#=' $ ="' %DD%C.' F' 1%#1' E=E ' $ 'I .1F 1' . I #

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; ="="/%' %$F' F22F' / ' 2= ' 2=11=$F-' /%KK F I %' E%"<=CCF$=' EO=' "%"' E ' =C1F1=' I ="%' /%2%$%CF' / ' N#=22%' EO=' / E=' =CC=$2F' C1F1F' 2F' "%C0 1$F' /=22%' I FJJ %' /=22' F""%' CE%$C% ' ! %"' CF$=KK=' F' "% ' / 22 E 2=' 2' $ CD%"/=$=' E%"& "E="1= I ="1=' F' 1#11%' E r' EO=' / E=' "' $OD+' D%$1%' F' "% ' F' %21$=' EO=' ' C#/ / 1 ' 7$=2F1 ' /F ' N#F2 ' C="1 $M' 2' $ C#21F1%' /=22' "%C1$=' E%"<=$="XF-' E ' <F""%' CD=F=' EO=' 1#11%' D%0 1$F' E%"E 2 F$C -' =' 2F' 8/#EE F' EO=' FKK F I %' "' 3 %' E ' F" I F' F' E%"E=D $=' =J#F2=' E%"< /="XF' EO=' 2F' / ' 2# ' I C=$ E%$/ F' ; %J2 F' FD$ XE ' 2F' C1$F/F' F/' #"%' C1FK 2=' E%"E%$/ F' E%"E 2 FK 2=' E%"' ' "%C1$ ' /%&=$ -' =CC="/%' "' / ' 2# ' I F" ' 2' E#%$=' /=J2 ' 4 % I "

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:=' 2=' & C' / FK%$/' /F"C' 2 F11 1#/=' / #"' O% I I =' N# ' F' D$ C' #"' DF$1 ' =1' N# ' "=' &=#1' .E%#1=$' F#E#"=' $F C%"' E%"1$F $=' ĩ FD$QC' F&% $' 2F CC.' DFCC=$' 2=' D$= I =$' I % I ="1-' =1' 2 F&% $' D$.' C I D2=0 I ="1' /=' I =WD2 N#=$'C=C' /.C $C-' =' 2=' $FCC#$F ' C#$' 2=C' =WE=22="1=C

;' d

"1="1 %"C' =1' 2F' 2%LF#1.' /=C' D=$C%""=C' N# ' F&F ="1' E%"<.$.' F&=E' 2# ' E=C' %#$C' DFCC.C ' : %K1 "C' D2#C' /=' CF"J+<$% /' /=+2# -' I F C' 2' D=$C C1F' M' I =' 2F CC=$' 2F' "%1= ' := ' $=C1F ' /F"C' 2=' DF2F C' =1' C' FDD=2=$' 2=' /%E1=#$' 7%$1F' F< "' /=' D%#&% $' /.EO <<$=$' 2 FD%C1 22=' N#=' 2=' DFD=' F&F 1' .E$ 1= ' D$QC' N#=2N#=C' / << E#21.C-' "%#C' ="' &Z" I =C' M' K%#1-' =1' 2' ="' $.C#21F' 2F' 1$F/#E1 %"' 2 11.$F2=' E +' % "1=

! %#C' <Z I =C' $= I F$N#=$' F#' /%E1=#$' 7%$1F' N#=' 2F' DO$FC=' /%"1' C=' D2F J"F 1' 2=' DFD=' .1F 1' E=22=' N# ' DF$F CCF 1' 2=' D2#C' /F"C' CDC' "1.$Y1CS' 2' ="' <#1' <$FDD.-' 2' ="' DF$2F' F#' DFD=' N# 2' ="JFJ=F' M' C=' 1$F"N# 22 C=$S' F2%$C' 2 I =']1' FDD=2=$' /=' "%#&=F#

=21=' <% C' E=' " .1F 1' D2#C' /F"C' 2F' /=$" Q$=' DO$FC=' /=' 2F' "%1=-' I F C' /F"C' 2=')e ' F$1 E2=' N# 2' &%LF 1' #"=' J$F"/=' / << E#21.-' DF$E=' N# 2' D%$1F 1' N# 2' C=$F 1' D%#$&#' F#W' .&YEO.C' &FEF"1C' C# &F"1' 2=C' <%$ I =C' F/%D1.=C' DF$' 2=C' E%"E%$/F1C' /=' $F"E=' =1' / 1F2 = ' 2' E%"& "1' N# 2' F&F 1' K ="' 2#' E=1' F$1 E2=-' I F C' N#=' E F&F 1' .1.' #"=' I .D$ C=-' #"=' /$$=#$' /=' CF' DF$1S' N# 2' .1F 1' ".E=CCF $=' N# M' E=1' F$1 E2=' %"' C#KC1 1#b1' ĩ

' 2# ' $= I %"1$F ' /%#0 E= I ="1' N#=' E=C' &F$ F1 %"C' E% I D2 N#F ="1' C "J#2 Q$= I ="1' #"=' ".J%E F1 %"-' =1' M' <%$E=' /=' $F C%""= I ="1C' =' 2=' D=$C#F/F ' #"' I % I ="1-' =1' 2' C=' K%$"F' M' I =' <F $=' D$% I =11$=' /=' $=&=" $' /F"C' #"=' O=#$=

:=' I L' $="/ C' C# &F"1' C=C' "1="1 %"C-' =' 2=' 1$%#&F ' /F"C' #"=' FJ 1F1 %"' =W1$Y I =S' 2' I =' / 1' N# 2' F&F 1' D$.&F$ N#.-' N# 2' L' F&F 1' /F"C' 2F' /=$" Q$=' DO$FC=' %a' 2' =C1' N"%C1 %"' /#' J%#&=$"=0 I ="1' /=' 2 J2 C=' #"=' 1FEO=' / O.$.C =-' N# 2' F I =$F 1' E="1' <% C' I =#W' 2F' I %$1-' N# 2' "F&F 1' DFC' FEE./.' M' E=' /=$" =$' F$1 E2=-' N# 2' .1F 1' ".E=CCF $=' N#=' =WD./ FCC=' #"' E%#$$ =$' M' ' 2=C' .&YN#=C' D%#$' 2= <F $=' C#DD$ I =$-' N#=' D%#$' 1%#1' 2=' $=C1=' 2' L

2 =" / $F 1-' N# 2' F&F 1' I Y I =' 1$%#&.' #"='' $F C%"' .&FC &=' D%#$' #C1 < =$' 2=') U' F$1 E2=' N# ' 2 F&F 1' "N# .1.-' N#=' I %L=""F"1' E=11=' C#DD$=CC %"' 2' C=$F 1' / CD%C.' M' FEE%$/=$' ="E%$=' D2#C' N# 2' $ F&F 1' .1.' E%"&="#S' 2' I ="' /%""F' /=' C%"' D$%D$=' I %#&= I ="1' CF' DF$%2=' / O%""=#$-' F %#1F"1' N# 2' 1="F 1' $$.&%EFK2= I ="1' M' E=11%' C#DD$=CC %"-' N# 2' <=$F 1' #"' .E2F1' C 2' .1F 1' ".E=CCF $=' D%#$' <F $=' E%""FZ1$=' C=C' "1="1 %"C-' I F C' N#=' E=21=' E%"/ 1 %"' 2=' $F<<=$ I $F 1' /F"C' 1%#1' 2=' $=C1=-' 2=' $="/$F 1' D2#C' <FE 2=' =1' 2#' <%#$" $F 1' /=C' F$ I =C' E%"1$=' E=#W' /=' C%"' E%"C= 2' N# ' &%#/$F =" 1' 2 .2% J"=$' / #"' FEE% I I %/= I ="1' :=' " ="1$=' DFC' /F"C' 1%#C' 2=C' /.1F 2C' /=' E=11=' E%"&=$CF1 %"' N# ' "=' D$.C="1F ="1' N#=' /=C' / 1=C-' /=C' $=/ 1=C-' /=C' /.< F"E=C-' /=C' "N# .1#/=C' /=' E%"CE ="E=' "=WD2 EFK2=C' :=' I =' K%$"=' F#' $.C#21F1' N#=' %K1 "C' FD$QC' $F&% $' EF2 I .' DF$' 2=C' I %L="C' N# ' FJ CC="1' OFK 1#=22= I ="1' C#$' 2# -' =1' "%1F I I ="1' ="' 2# ' D$% I =11F"1' / .E$ $=' M' q ' 2=C' .&Y0 N#=C-' E=' N#=' =' < C' =<<=E1 &= I ="1-' D="CF"1' N# 2' .1F 1' ".E=CCF $=' N# 2C' <#CC="1' D$.&="#C' =1' N# 2C' C#CC="1' 2 .1F1' /=C' EO%C=C' M' 2=#$' F$$ &.=

=')-' 2=' DFD=' C=' D2F J" 1' #"' D=#' /=' CF' CF"1.-' N# ' DF$F CCF 1' =<<=E1 &= I ="1' #"' D=#' /.$F"J.=' $ 2' &%#2F 1' / $=' CF' I =CC=-' I F C' 2=' /%E1=#$' 7%$1F' 2 ="JFJ=F' M' "=' DFC' 2=' <F $=' =1' 2' C L' E%"<%$ I F ' 2' C%#<<$F 1' #"' D=#' / #"=' ="<2#$=' OFK 1#=22=' N# 2' F' M' #"=' F I K=S' "%#C' "%#C' $.C%2] I =C-' ' 2=' E% I I F"/F"1' /#' DF2F C' =1' I % -' M' 2=' &% $' D%#$' 2# ' 1. I % J"=$" "%C' $=J$=1C' C#$' E=' /.$F"J=0 I ="1' $ 2' "%#C' < 1' 2# + I Y I =' FDD=2=$' =1' FCC=% $ ' 2' I =' /= I F"/F' C ' F&F C' $= I D2 ' CEC' "1="1 %"C-' M' 2 .JF$/' /=' ' 2=C' .&YN#=C ' :=' 2# ' $.D%"/ C' N#=' %# -' =1' N#=' F#$F C' D$%KFK2= I ="1' K ="1c1' #"=' $.D%"C= ' 2' $=D$ 1' N#=' /F"C' 2F' %#$".=' / O =$' 2' " F&F 1' $ ="' D$% I C' " ' D#' 2=' <F $=-' N# 2' " F&F 1' DFC' /#' 1%#1' /%$ I ' 2F' "# 1' D$.E./="1=-' N# 2' ="' F&F 1' 2=' 2="/= I F "' 2F' 1Y1=' <F1 J#.=-' =1' N# 2' .1F 1' /F"C' 2 .1F1' / #"' O% I I =' M' I % 1 .' &$=-' N# 2' &%#+

2F 1' N#=' 2%"' C]1' D%C 1 &=I="1' N# 2' " F&F 1' DFC' E%"C /.$.' 2F' "%1=' N#' 2#' F&F 1' .1.' 2F CC.=' E%I I=' #"' 1$F 1.-' " ' #"' D$.2 I 0 "F $=' /=' 1$F 1.-' I F C' E%I I=' #"="' C%$1=' / .KF#EO=' /F"C' 2FN#=22=' .1F 1' " / N#.' 2=' D% "1' %a' 2%"' D%#$$F 1' F$$ &= U' C ' 2%"' 1="F 1' / F#1$=C' E%"/ 1%"C' M' C%"' .JF$/S' N# 2' &%#2F 1' N# %"' C=' D=$0 C#F/b1' K="' =1' N# %"' 2=' C]1-' F "' N#=' C ' 2%"' ="&%LF 1' /=C' D=$C%""=C' D%#$' 1$F 1=$-' 2' "="' $.C#21b1' DFC' /=C' .E2F1C' =1' /=C' E%"1=C1F1%"C'/.CFJ$.FK2=C ' 2' "%#C' DF$#1' M' 1%#C' /=#W' N#=' 2=' <%"/' /=' C%"' "1="1%"' .1F 1' / .1FK2$' N# 2' "=' &%#2F 1' DFC' <F $=' / F&F"E=C-' I F C' "=' /%""=$' N#=' N#F"/' 2$=E=&$F 1' / F#1$=' DF$1

=$' 2=' DFD=' C =C1' D2F "1' I % "C' /=' CF' CF"1.S' 2' F' EF#C.' 2%"J0 1=I DC' F&=E' 2=' /%E1=#$' 7%$1F' î 2' 2#' F' / <' N# 2' F&F 1' K=F#' C=' C%"/=$'="' 2# + I Y I =+-' 2' "=' CF&F 1' DFC' ="E%$=' C 2' F&F 1' K ="' %#' I F2' <F 1' $ N#=' E=D="/F"1' 2' D="CF 1' N#=' /F"C' 2=' <%"/' 2' F&F 1' FJ' C# &F"1' CF' E%"CE ="E=' S' E=2# +E' F' D$%< 1.' /=' E=11=' %#&=$1#$=' D%#$'/ CC D=$' C=C' "N# .1#/=C-' I F C' 2' C FD=$P% 1' N# +=22=C' $=& ="0 "="1' C%#&="1' DF$E=' N#=' 2=' DFD=' I ./ 1= N#=2N#=<% C' D$%<%"/.0 I ="1' =1' D$="/' #"' $=JF$/' < W=' 2' =C1' D%$1.' M' E$F "/$=' N#=2N#=' F<<=E2 %"' OLD%E%"/$ FN#=S' 2' =CDQ$=' 1%#1=<% C' N# =22=' " F#$F' DFC' 2 =#

))ÿ $.C#21=' /=' E=C' 1=$J &=$CF1 %"C' E%"1 "#=22=CmN#=' 2=' DFD=' =C1' ="' D$% =' b' K=F#E%#D' /=' C="1 I ="1C' E%"1$F $=C' N#' D$%0 & =""="1' C#$1%#1' / "N# .1#/=C' /=' E%"CE ="E=-' /=' /.< F"E=C' =1' /=' N#=2N#=' F I %#$+D$%D$=' N#' C=' /.J# C=' M' C=C' L=#W' C%#C' 2F' <%$I =' /=' / J" 1.' %#' /=' D$% I =CC=C' <F 1=C' M' N#=2N#=C' I = I K$=C' /=' C%"' E%"C= 2' $ N#=' /F"C' 1%#1=C' E=C' I D$=CC %"C' 2' "=' CF 1' M' N#=2' DF$1' C F$$Y1=$' =1' " F' DFC' 2F' <%$E=' /=' EO% C $' %"' bJ=' F&F"E.' 2#' D$=CE$ 1' 2=C' C=E%#$C' / #"' E%"C= 2S' I F C' 2' =C1' M' C%#OF 1=$' N# 2' C% 1' CFJ=' =1' K ="' / $ J.-' EF$' %"' /% 1' E$F "/$=' N#=' E=2#' /=C' E%"C= 22=$C' N#' FDD# =$F 1' C%"' %D " %"' DF$' 2F

E$F "1= /= 2F /F I "F1 %"= 2F <=$F 1 F/%D1=$ "/#K 1FK2= I ="1-
N#=2N#= D=#= E%"&="FK2= N# =22= D]1 Y1$=
=2C C%"1 2=C $="C= J"= I ="1C N#= = /% C &%#C 1$F"C I =11$=
="E= I % I ="1 C#$ 2= / CD%C 1 %"C / =CD$ 1 =1 /= CF"1. %a =C1
2= DFD= :=/ .C $= N#= /= I F "= 2C C% ="1 D2#C CF1 C<F CF"1C
3F J"=X- =1E - =1E

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LF"1 $=P#= E= I F1 "= 2F $.D%"C= /= 2=C .&YN#=C N#
I F""%"E= N#= 2 F$1 E2= /%"1 C= D2F "1 2= DFD= .1F 1 E%"&="#-
=1 N# 2 F&F 1 .1. $=2#= /=#W <% C DF$ 2# - I F C N# 2C D%#$$%"1
2= EOF"J=$ ="= F$$ &F"1 N#% N# 2 C% 1 K ="= D2#C <F&%$FK2= M
F F "1=1. N# =22= "= 2= E$% 1 ="= E= I % I ="1- F =CD.$. /=
$F I ="=$ 2= DFD= M C=C D$= I Q$=C /.=C =1 /= < W=$ C=C $$.C%0
2#1 %"C : = 2# F / 1 N#= E= N# 2 F&F 1 C%#OF 1. F&F 1 .1. <F 1 $
= 2 F D$. /= D$="/$= E%"< F"E= /F"C E= N# 2 F&F 1 $. J2. DF$
2# + I Y I =- J# /. / F 22=#$C DF$ /=C D=$C%""=C N#= 1%#1 2= I %"/=
I =1 F#= $F"J /=C 2# I Q$=C /=C J2 C=C /= $F"E= =1 / 1F2 =
: F F %#1. K=F#E%#D / F#1$=C $F C%"C C#$ 2=CN#=22=C F FDD#L. $
I F C =22=C " %"1 D#= $.#CC $ " <F $= F#E#"= I D$=CC %"+ 2=
DFD= I F / 1 N# 2 □ □ □ ! □ " N# 2 "=
E%"E=&F 1 DFC E% I I ="1 2 .1F 1 E%"&="#/= E=C / &=$C F$1 E2=C-
N#= E F F&F 1 .1. /= CF DF$1 □ : N# 2 <F22F 1 N# 2 <]1
* ! □ □ □ (2 C ="= C1 1="#= D2#C =#$C <% C M E=C
I Y I =C DF$%2=C =1 "= I F FEE%$/. N# #"= E%#$1= F#/ ="E= D="+

/F"1' 2FN#=22=' 2' I F' DF$2.' CF"C' K=F#E%#D' / . I %1 %"-' I F C' CF"C' I =' 1. I % J"=$' /=' K ="&= 22F"E=' : F ' DF$2.' ="' C%$1F"1' /=' EO=X' 2# ' M' C%"' I ./=E "' N# ' I F' / 1' N# 2' 2=' &%LF 1' 1F"1c1' 1$F"N# 22=' =1' 1F"1c1' 1%#$ I ="1.' E% I I =' =' &="F C' /=' 2=' &% $-' N# 2' = I D2%LF 1' N#=2N#=C' $= I Q/=C' D%#$' 2# ' $="/$=' 2=' EF2 I =-' =1' N# 2' " L' F&F 1' F#E#"' /F"J=$' C ' CF' 1Y1=' C=' /.KF$$FCCF 1' /=')F' <%#2=' /=C' /.=C' N# ' 2F' $= I D2 CC="1' =1' 2F' <F1 J#="1' ="' E=' I % I ="1 '

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F&%"=-' ' I F')*))

%"C= J"=#$-

3=D# C' 2F' /=$" Q$=' /.DYEO=' N#=' F ' =#' 2 O%""=#$' / F/$=CC=$' M' ; %1$=' WE=22="E=-' 2=C' / CD%C 1 %"C' /#' DFD=' " %"1' DFC' EOF"J. ' "' 2=' &% 1' 1%# %#$C' 1%#$ I ="1.' DF$' #"=' <%#2=' /=' D="C.=C' / <<.0 $="1=C' =1' N# ' DF$F CC="1' N#=2N#=<% C' E%" $F/ E1% $=C ' D$QC' 2="1$=&#=' N#=' =#C' F&=E' 2# ' 2=' -' 2' / 1' M' C%"' I ./=E "' N# 2' " F&F 1' D#' I =' DF$2=$' 2%"J1= I DC' DF$E=' N# 2' F&F 1' K=F#E%#D' /=m' EO%C=C' ="' 1Y1=S' =' C#C' =<<=E1 &= I ="1' N# F&F"1' /=' I =' $=E=&% $-' 2' .1F 1' $=C1.' N#=2N#=' 1= I DC' =CCFLF"1' /=' 1$%#&=$' /#' EF2 I = ' 3F"C' #"=' E $E%"C1F"E=-' 2' / 1' F#' I ./=E "' N#=' 1%#1' E=' N# 2' F&F 1' <F 1-' 2' F&F 1' E$#' 2=' <F $=' D%#$' 2=' K ="' /=' 2 J2 C=' =1' D%#$' = I DYEO=$' N# 2' "=' D]1' L' "FZ1$=' #"' CEO C I =-' N#=' CF' K%""=' "1="1 %"' $FCC#0 $F 1' CF' E%"CE ="E=S' #"=' F#1$=' <% C-' M' 2 %EEFC %"' /=' N#=2N#=C' "/= I " 1.C' N# 2' DFLF 1' M' C=C' J="C' DF$' "1=$&F22=-' 2' F""%"PF' N# 2' =CD.$F 1' N#=' CF' D%C 1 %"' EOF"J=$F 1' K ="1c1 ' 3F"C' / F#1$=C' R I % I ="1C' F#' E%"1$F $=' 2' F""%"E=' N# 2' C =C1' 1$% I D.-' N# 2' F' <F 1

#"=ˢ<%2 =ˢCF"Cˢ2=ˢ&%#2% $Sˢ =1ˢC#$ˢ2 %KC=$&F1 %"ˢ /#ˢ I . /=E "ˢN#=ˢ E=Cˢ O . C 1F1 %"Cˢ /% &="1ˢ Jb1=$-ˢ="1 Q$= I ="1ˢCFˢ EF#C=-ˢ 2ˢ $.D%"/ˢ N# 2ˢ =C1ˢD$Y1ˢMˢ$=C1=$ˢ/F"Cˢ2Fˢ I Y I =ˢC 1#F1 %"ˢ %aˢ 2ˢ C=ˢ 1$%#&=ˢMˢ D$.C="1ˢ=1ˢN# 2ˢ " Lˢ / . C $=ˢ F#E#"ˢ EOF"J= I ="1

=ˢ I . /=E "ˢ $=1$%#&=ˢ /F"Cˢ CFˢ CF"1.ˢ 2=Cˢ I F$N#=Cˢ /=ˢ E=Cˢ I Y I =Cˢ &F$ F1 %"CSˢ 2=ˢ D%#2Cˢ =C1ˢ ".JF2-ˢ2FDDe1 1ˢ / I "#=-ˢ 2=ˢ C% I I = 2ˢ =C1ˢ D2#Cˢ F=ˢ D="/F"1ˢ 2Fˢ "# 1-ˢ =1ˢ 2ˢ =C1ˢ JY".ˢDF$ˢ/=Cˢ J%"<2= I ="1Cˢ/ =C1% I FEˢ=1ˢ/=CˢFCD $F1 %"Cˢ1$QC+<$.N#="1=C ˢ 2ˢ LˢFˢ F#CC ˢ D2#Cˢ /=ˢ <F K2=CC=ˢ /F"Cˢ 2 OFK 1#/=ˢ /#ˢE%$DCˢ=1ˢ1="C %"ˢ /=ˢ "=$<Cˢ /F"Cˢ #"=ˢ F I K=ˢS 2ˢ 2=ˢ &% 1ˢ E%#D=$ˢ N#=2N#=<% Cˢ2Fˢ E%"0 &=$CF1 %"ˢ D%#$ˢ $=C1=$ˢE% I I =ˢ< W.ˢ=1ˢ#" N#= I ="1ˢF11="1 <ˢMˢ#"=ˢ I Y I =ˢD="C.=-ˢ =1ˢ="ˢC%$1 $ˢ="C# 1=ˢE% I I =ˢ/ #"ˢ $.&= 2ˢSˢ="]"-ˢ 2ˢ $= I F$N#=-ˢMˢE=ˢN# 2ˢ / 1-ˢ 1%#Cˢ2=CˢC J"=Cˢ/ #"=ˢ ˢ !

ˢ N# ˢD%#$$F 1ˢ1="/$=ˢMˢF21.$=$ˢ2=Cˢ<FE#21.Cˢ /#ˢ E%$DCˢ =1ˢ /=ˢ2 "1=22 J="E= ˢ =Cˢ %#$Cˢ /=$" =$Cˢ2=ˢ DFD=ˢFˢ <F 1ˢJ$FC-ˢ =1ˢ " Fˢ DFCˢ/ 1ˢCFˢ I =CC= ˢ =11=ˢ"# 1ˢ 2ˢ Fˢ#"ˢ D=#ˢ I =# Wˢ/%$ I ˢ=1ˢFˢ E.2.K$.ˢ2 % E=ˢ E=ˢ I F1 "

: F ˢ E$#ˢ MˢD$%D%Cˢ /=ˢ 2=ˢ &% $ˢ D%#$ˢ FDD$="/$=ˢ /=ˢ C=Cˢ "%#0 &=22=CSˢ Lˢ F ˢ .1.ˢ F&=Eˢ ˢ 2=ˢ E% I I F"/F"1ˢ /#ˢ DF2F C ˢ !%#Cˢ F&%"CˢD#ˢ$= I F$N#=$ˢ2=Cˢ C J"=Cˢ=W1.$ =#$Cˢ/ "/ CD%C 1 %"ˢ /%"1ˢ "%#Cˢ Fˢ="1$=1="#ˢ 2=ˢ I . /=E "Sˢ N#% N#=ˢ 2=ˢDFD=ˢ DF$2=ˢ<%$1ˢ2 K$=+ˢ ˢ I ="1ˢC#$ˢ/=Cˢ%K =1Cˢ "/ <<.$="1C-ˢ 2ˢ =C1ˢC# =1ˢMˢ /=Cˢ/ C1$FE1 %"Cˢ N# ˢ "=ˢ 2#ˢ .1F ="1ˢDFCˢ%$/ "F $=C ˢ "ˢ $=&="F"1ˢC#$ˢ2Fˢ D="C.=ˢ N# ˢ 2 %EE#D=ˢ E%"C1F I I ="1-ˢ 2ˢ "%#Cˢ Fˢ / 1ˢN# 2ˢF&F 1ˢ ˢ ˢ

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ˢ ˢ ˢ $% ˢ ˢ& ˢ ˢ ˢ ˢ !%#Cˢ 2 F&%"Cˢ="JFJ.ˢ Mˢ C=ˢ 1$F"N# 22 C=$ˢ =1ˢ "=ˢ C% I I =Cˢ DFCˢ $=&="#Cˢ C#$ˢE=CˢD% "1C-ˢ="ˢ C="1F"1ˢ2 "#1 2 1.

8#=22=ˢN#=ˢD# CC=ˢY1$=ˢ2FˢEF#C=ˢ/=Cˢ1=$J &=$CF1 %"CˢE%"1 "#=22=Cˢ F#WN#=22=Cˢ2=ˢ DFD=ˢ=C1ˢ C# =1ˢ ="ˢ E=ˢ I % I ="1ˢ /F"Cˢ C=CˢE%"&=$0 CF1 %"C-ˢ 2ˢ /= I =#$=ˢ $.=22= I ="1ˢ D$%#&.ˢ N#=ˢC=Cˢ <FE#21.Cˢ "=

 7 H ' :4 ;

DF$F CC="1' DFC' F#' " &=F#' /=C' J$F" /=C' F<<F $=C' N# 2' F' M' 1$F 2=$-'
=1' N# 2' " =C1' DFC' M' I Y I =' /=' D$=" /$=' #"' DF$1 ' /=' 2# ' C=#2S'
N#=' 2=' I %L="' /=' 2=' I F "1=" $' /F"C' 2F' I Y I =' &% =' C=$F 1' /='
2 ="& $%" "=$' / O% I I =C' CFJ=C' N# ' D#CC="1' DF$2=$' 2=' 2F"JFJ='
O.%2%J N#=' =1' JFJ"=$' CF' E%"< F"E= ' =C' O.C 1F1 %"C' C=$F ="1+'
=22=C' #"' I %L="' / %K1=" $' E=' E%"C= 2' g' 2' C=$F 1' OFCF$/=#W'$ =1'
=' "=' D# C' ="E%$=' I =' 2=' D=$C#F/=$-' &%LF"1' #"' EOF"J= I ="1' $.=2'
/F"C' 2 .1F1' DOLC N#=' /=' CF' CF"1.-' N# ' DF$F 1' D$%&=" $' #" N#=0
I ="1' / #"=' <%$1=' F<<=E1 %"' I %$F2=
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%"C =#$' 2=' E% I 1=

:=' &%#C' $F"&% =' 2F' 2=11$=' /=C' .&YN#=C' =1' /#' D$.<=1' /=' F&%"=' '
2' =C1' ".E=CCF $=' N#=' &%#C' 2FCC =X' E%" "FZ1$=' F#' D$.<=1' /=' F&%"='
N#=' =' " FDD$%#&=' DFC' 2=C' E% I D1=C' N# 2' F' $=" /#C' F#' J%#&=$0
"=#$' J." .$F2' =1' F#' I " C1$=' /=' 2F' D%2 E=S' N# 2' F' I C' E=C' /=#W-'
<%"E1 %" "F $=C' /F"C' /=C' E%"< /="E=C' N# 2C' "=' /=&F ="1' DFC' E%"0
"FZ1$=S' N#=' E=C' F<<F $=C' C=E$Q1=C' "=' $=JF$/="1' N#=' "%#C ' : F '
&#' F&=E' C#D C=' C#$1%#1' N# 2' F 1' <F 1' E%" "FZ1$=' F#' D$ "E='
%$JOQC=' =1' F#' I " C1$=' /=' 2F' D%2 E=' 2F' DF$1 =' /=' 2F' ".J%E F1 %"'
$=2F1 &=' F#W' .&YN#=C' N# 2C' /=&F ="1' J"%$=$' E% I D2Q1= I ="1 '
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=21=' 2=4$=' "=C1' DFC' "C.$.=' /F"C' 2F' E%$$=CD%"/F"E=' /=' !FD%2.%"' m$

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<F $=ˢ E%""FZ1$=ˢ Mˢ ; %1$=ˢ WE=22="E=ˢ N# 2ˢ =C1ˢ I D%CC K2=ˢ /=ˢ 1$F 1=$ˢ
F&=Eˢ 2=ˢ DFD=-ˢ CF"Cˢ N# 2ˢ C% 1ˢ ="& $%"".ˢ / #"ˢ E%"C= 2ˢ F#CC ˢ CFJ=ˢ
N#=ˢ <=$ I =-ˢ F< "ˢ /=ˢ 2=ˢ I F "1=" $ˢ E%"C1F I I ="1ˢ /F"Cˢ 2Fˢ I Y I =ˢ $.C%0
2#1 %" ; %#Cˢ F#$=Xˢ &#ˢ DF$ˢ I =Cˢ /=$" Q$=Cˢ 2=11$=Cˢ N#=ˢ 2 "E=$1 1#/=ˢ
/#ˢ DFD=-ˢ N#F"/ˢ 2ˢ =C1ˢ 2 &$.ˢ Mˢ 2# + I Y I =-ˢ &Fˢ #CN# Mˢ F21.$=$ˢ CFˢ
CF"1.ˢ =1ˢ CFˢ $F C%"ˢ) ═ ═ ! ! ═ □ □ ═ ═ ═ ═
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N# 2ˢ <F#1ˢ ".E=CCF $= I ="1ˢ /=Cˢ C%#1 ="Cˢ Mˢ #"ˢ =CD$ 1ˢ F<<F K2ˢ =1ˢ Mˢ
#"=ˢ E%"CE ="E=ˢ % I K$FJ=#C=ˢ 3F J"=Xˢ FJ$.=$

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=1ˢ JF$/=ˢ #"ˢ D$%<%"/ˢ C 2="E=ˢ F&=Eˢ 1%#1ˢ 2=ˢ I %"/= ˢ : F ˢ I Cˢ 2Fˢ
E%"&=$CF1 %"ˢ C#$ˢ 2=ˢ E%"E 2=ˢ "F1 %"F2-ˢ I F "1="F"1ˢ $.#" ˢ Mˢ 7F$ C-ˢ
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3QC')* -' / W+C=D1' C QJ=C' .1F ="1' &FEF"1C' /F"C' 2=' $%LF# I =' / 1F2 =' F' F =C1.' L' "% I I F' 2=C' D$.2F1C' 2=C' D2#C' / J"=C' /=' C%"' $%LF# I =' =' DFD=' $=<#CF' /=' 2=#$' /%""=$' 2=C' K#22=C' / "C1 1#0 1 %"' EF"%" N#='))' D=$C C1F' /F"C' E=' $=<#C' D="/F"1' 1%#1' 2=' 1= I DC' N"=' /#Q="1' 2F' 1$% C Q I =' =1' 2F' N#F1$ Q I =' E%F2 1 %" ' %K2 JF0 1 %"' %a' C=' 1$%#&F 1' 2 = I D=$=#$' /=' E%"/# $=' C=C' 1$%#D=C' F#W' =W1$. I 1.C' /=' 2 #$%D=' <F CF 1' D$.C# I =$' F#' DFD=' N# 2' .1F 1' /=' 2 "1.$Y1' /=' F' F =C1.' /=' "=' 2F CC=$' %"' 1F2 =' F#E#"=' C%#$E=' /=' <=$ I ="1F1 %"' =1' N# =22=' D%#$$F 1' FEO=1=$' 2 "C1 1#1 %"' / #"' C ' J$F"/' "% I K$=' / .&YEO.C' DF$' 2F' /%"F1 %"' /=' 2F' % I FJ"=S' I F C' F' F =C1.-' FEE%#1# I .=' M' C=' E%"< =$' /F"C' 2 F I %#$' N#=' 2# ' D%$1="1' C=C' D=#D2=C' / 1F2 =' =1' /F"C' 2=#$' < /.2 1.-' $=D%#CCF' F&=E' I I .D$ C' /=' DF$= 22=C' "C "#F1 %"C' =1' E=' "=' <#1' N# FD$QC' /=C' $=<#C' $. 1.$.C' D="/F"1' 1$% C' F"C-' N#=' 2=C' KF1F 22=C' / ."F' =1' /=' $ =/2F"/' DF$#$="1' ="< "' &F "E$=' 2 %KC1 "F1 %"' /#' DFD=-' N# -

&%LF"1' 2F' /.<F 1=' /=C' ="" = I C' /=' 2F' $F"E=' =1' C=C' =CD.$F"E=C' 1$% I D.=C-' /%""F-'#"' I % C' FD$QC' 2='1$F 1.' /=' 2C 11m$ "C2 2#1 %"' EF"%" N#='F#W' .&YN#=C' N# ' F&F ="1' .1.' "% I I .C' =1' F#WN#=2C' Z' 2 F&F 1' C ' 2%"J1= I DC' $=<#C.=

"' ,* *-' 2 F$EO=&YEO.' /.' F2 "=C' .1F"1' &="#' ' &FN#=$ ' F' F =C1.' L' "% I I F' 2 .&.N#=' /=' 7% 1 =$C ' =' DFD=' ="&%LF' /=C' K#22=C' / "C1 1#1 %"' /F"C' 2=CN#=22=C' Z' /.E2F$F 1' N#=' E=11=' "% I 0 "F1 %"' .1F 1' ' ' ' + $, + ' ' =C' K#22=C' <#$="1-' E% I I =' /.$F C%"-' $= =1.=C' F#' E%"C= Z' / 1F1' =1' /=D# C' E=' 1= I DC' 2 .&YN#=' /=' 7% 1 =$C' " F' DFC' ="E%$=' C%"' "C1 1#1 %"' EF"%" N#=' E% I I =' F$EO=&YN#=' /=' F2 "=C ' 7%#$' 1%#C' 2=C' .&YEO.C' N# ' C%"1' &="#C' M' &FN#=$' /=D# C' =1' N# ' C%"1' F#' "% I K$=' /=' & "J1+C=D1-' 2=' DFD=' F' $=<#C.' /=' /%""=$' 2=C' K#22=C' / "C1 1#1 %"-' C% 1' N# Z' &%#2]1' C%#1=" $' 2 .1$F"J=' D$%D%C 1 %"' / L' "% I I =$' = = = ! ! "' ="' C# &F"1' 2F' <%$ I #2=' $./ J.=' D%#$' 2 F$0 EO=&YN#=' /=' F2 "=C-' C% 1' N# Z' F 1' =CD.$.' <F $=' "1=$&=" $' 2F' E%"E=CC %"' /=C' K#22=C' /F"C' 2=C' / CE#CC %"C' N#' %"1' %#' 2 =#' $=2F1 &= I ="1' F#W' <%$1=$=CC=C-' F#W' 2 I 1=C' =1' ="< "' O' 2F' C%#&=0 $F "=1.' 1= I D%$=22=' /=C' DFD=C

F' F =C1.-' C=' $=CC%#&="F"1' /=' E=' N# ' F&F 1.1.' <F 1' /#' 1= I DC' /=' %# C' G ;' /F"C' #"=' DF$= 22=' E $E%"C1F"E=' =1' &%LF"1' 2 I 0 D%CC K 2 1.' /=' 2F CC=$' D2#C' 2%"J1= I DC' &FE "1C' /=C' / %EQC=C' E% I I =' 7F$ C' =1' 2%$="E=-' L' "% I I F' F#W' 1=$ I =C' /#' E%"E%$/F1 ' =C' EOFD 1$=C' /%""Q$="1' /=C' D%#&% $C' CD $ 1#=2C' E% I I =' & EF $=C' EFD 1#2F $=C' $ I F C' /=C' K$=<C' .I F".C' /=' F&%"=' =1' F/$=CC.C' DF$' 2=' DFD=' F#W' EOFD 1$=C' /=' 7F$ C-' 2%$="E=' =1' C1 ' 2=#$' /.<=" / $="1' D%C 1 &= I ="1' /%' /%""=$' 2=C' D%#&% $C' EFD 1#0 2F $=C' M' E=#W' N#=' 2 = I D=$=#$' F&F 1' "% I I .C ' "C ' 1%#1' E=' N#=' 2=' DFD=' F' D#' <F $=' D%#$' =WE 1=$' 2=' 1$%#K2=' =1' 2F' /.C%K. CCF"E=' F' .1.' <F 1-' I F C' 2=C' .&YN#=C' =1' 2=C' EOFD 1$=C' /=' $F"E=' =1' / 1F2 =' C=' C%"1' I %"1$.C' "/ J"=C'/ #"=' E%"/# 1=' F#CC ' E%"1$F $=

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F#W EF"%"C- M 2F /%E1$ "= /= 2 J2 C=- F# $=CD=E1 N#= 1%#C 2=C D%"1 <=C /% &="1 F#W C%#&=$F "C- =1 " %"1 =# F#E#"' .JF$/ M E=C K$=<C

3 =D# C- 2= DFD= F "&=C1 ' /= C=C D%#&% $C ="' $F"E= 2= EF$0 / "F2 ' 7 =1$%- O% I I =' DFCC %"" .- =1 N# ' "%#$$ 1 #"=' D$%<%" /=' OF "=' E%"1$=' 2F $F"E= ' = I D=$=#$ F&F 1' .1.' %K2 J.' /=' 2 =W 2=$ M = I #$ =1' E=' <#1' /F"C E=1' =W 2 N# 2 $=P#1' 2=' K$=<' C=E$=1' N# ' 2# ' /%""F 1' /=C D%#&% $C D%#$ 2=C F<<F $=C CD $ 1#=22=C /=' 2F $F"E=- F11="1F1 E%"1$=' 2=' 1$c"=' =1' 2 J2 C=' $ =' EF$/ "F2-F&F 1 / . M- /F"C 2=C 1."QK$=C- "%#.' /=C 1$F I =C %KCE#$=C F&=E 2=C D2#C I F#&F C D$Y1$=C /=' 2F $F"E=- 2%$CN#=' 2F #C1 E=' 2=' CF C 1 F&=E C=C E% I D2 E=C D%#$ 2=' D#" $ C=2%"' 2=C 2% C /=' 2 1F1

"C ' /F"C 2 =CDFE=' /=' / W F"".=C- 2 = I D=$=#$ F .1.' 1$%#K2.' C=D1 F"C M /=#W / <<.$="1=C .D%N#=C Î #"=' <% C D=" /F"1 2=' 2FDC /=' 1$% C F"C =1 #"=' C=E%" /=' <% C /=D# C 2=' 2FDC /=' N#F1$=' F"C- /F"C 2 =W=$E E=' /=C D$.$%JF1 &=C N#=' 2# ' FCC#$F 1 2=' E%"E%$/F1

3 =D# C / W F"C F F =C1.' F $=2=&.' 2=C F#1=2C /=' $F"E=' =1 " F .1.' %EE#D.=' N#=' /#' K ="' /=' 2F $=2 J %"- /=' 2 FEE$./ 0 1=$- /=' 2 .1FK2 $ /F"C C%"' &FC1=' = I D $=' =1 I Y I =' /=' <F $=' C="1 $ 2=C =<<=1C /=' CF' D# CCF"E=' =1 CF' D$%1=E1 %"' F#W EF1O%2 N#=C /=C DFLC .1$F"J=$C ' F C- =22=- "%#C F EOF$J.' =WD$=CC. I ="1 /=' &%#C 2=' / $=' F< "' N#=' 2=' I %"/=' ="1 =$ 2 ="1=" /=- =22=' " F 1$%#&.' /F"C 2F E%#$ /=' %$"=' N# "/ <<.$="E=' D%#$ 2=C &$F C "1.$Y1C /=' 2F $=2 J %"' $ =22=' "=' 2 F &#=' E%"C1F I I ="1' %EE#D.=' N#=' /=' /=#W%K =1C Î D$= I Q$= I ="1-' / %K1=" $' /=' 2 = I D=$=#$ 2F /%"F1 %"' /=C F"E =""=C 2.JF1 %"C /=' %2%J"=' =1' /=' =$$F$=' =1' /=' 2F % I FJ"=$ =E%"/= I ="1-' / FEE$./ 1=$ 2=' D$ "E D=' N#=' 2=' DFD==C1.&YN#=' #" &=$C=2-' N# 2 D=#1' $="&%L=$ 1%#C 2=C .&YN#=C-' N# 2 =C1' F#+/=CC#C /=' 1%#C 2=C C%#&=$F "C-' /=C E%"E 2=C =1' /=' 1%#1=C 2=C J2 C=C

%$CN#=' 2=' DFD=' & "1 M 7F$ C D%#$ 2=' E%#$%""= I ="1-' 2 C="

$=1%#$"F' I .E%"1="1' DF$E=' N# 2' C .1F 1'<2F11.' / %K1=" $' 2=C' 2.JF0 1 %"CS' I F C' 2=' C=$ I ="1' /=' 2 = I D=$=#$' E% I I =' $% ' / 2F2 =-' =1' 2 F11FEO= I ="1' N# 2' D%$1=' F#W' D=#D2=C' /=' E=C' D$%& "E=C-' =1' CD.E F2= I ="1' M' CF' K%""=' & 22=' /=' %2%J"=-' $="/ $="1' I D%CC K2=' 2F' $.F2 CF1 %"' /=' E=11=' =CD.$F"E=-' N# ' =]1' <F 1' $.1% I K=$' E=' K=F#' DFLC' C%#C' 2F' D2#C' & E =#C=' /=' 1%#1=C' 2=C' F/ I " C1$F1 %"C ' 3=D# C-' 2F' E%#$' /=' % I =' F' D$% 1.' /=' 1%#1=C' 2=C' E $E%"C1F"E=C' D%#$' .2=&=$' /=C' / << E#21.C-' "N# .1=$' 2=C' E%"CE ="E=C' =1' 1$%#K2=$' 2F' 1$F"N# 22 1.' /=' 2 = I D $=-' 1%# %#$C' /F"C' 2 =CD.$F"E=' N# 2' F$$ 0 &=$F 1' /=C' E $E%"C1F"E=C' %a-' D%#$' Y1$=' E=$1F "' / F&% $' D%#$' FDD# ' C "EQ$=' 2 "<2#="E=' /#' DFD=-' 2 = I D=$=#$'<=$F 1' /=C' CFE$ 0 < E=C' 1= I D%$=2C-' =1' 2# ' FEE%$/=$F 1-' C "%"' 2=C' 1$% C' 2.JF1 %"C-' /#' I % "C' 2F' % I FJ"=' =C1' M' E=2F' N# 2' <F#1' F11$ K#=$' E=C' $.1 0 E="E=C' N# ' C=' 1$%#&="1' /F"C' 2 F22%E#1 %"' /#' DFD=' C#$' 2=C' 2% C' %$JF" N#=C-' 2=' DFD=' " FLF"1' / F#1$=' K#1' N#=' /=' =1=$' /=C' <=$ I ="1C' C#CE=D1 K2=C' / Y1$=' /.&=2%DD.C ' =' <#1' ="<"' /F"C' E=1' =CD$ 1-' N# %"' $=<#CF' / FK%$/' 2 "C1 1#1 %"' EF"%" N#=' ="' 1F2 =' =1' D# C' ="' $F"E=' F' F =C1.' FLF"1' &#-' DF$' E=11=' E%"/# 1=' /#' DFD=-' N# 2' 1="F 1' E%"C1F I I ="1' M' 2F' D%2 1 N#=' /=' C=C' D$./.0 E=CC=#$C' /=' <F $=' E%"E%#$ $' C%"' "<2#="E=' CD $ 1#=22=' M' 2 FJ$F"0 / CC= I ="1' /=' CF' D# CCF"E=' 1= I D%$=22=$' N#=' 1%#1=C' 2=C' <% C' N# =22=' F#$F 1' /=C' = I KF$$FC' =W1.$ =#$C-' 2F' E%#$' /=' % I =' EO=$0 EO=$F 1' M' 2# ' C#CE 1=$' /=C' = I KF$$FC' "1.$ =#$C-' =22=' F' D$ C' 2=' DF$1 ' /=' <F $=' $.&=$C %"' M' 2 = I D $=' /#' < =<' /=' % I =-' N# ' ="' F&F 1' .1.' /.1FEO.' ="' <F&=#$' /=C' DFD=C-' F< "' /=' 2=#$' c1=$' D%#$' 1%# %#$C' 2=' D%#&% $' =1' 2=C' I %L="C' /=' <F $=' C=$& $' 2=C' "1.$Y1C' CD $ 1#=2C' F#W' F<<F $=C' 1= I D%$=22=C ' F' 7$%& /="E=' &%#2#1' N#=' D$.E C. I ="1' 2=' 2="/= I F "' /=C' KF1F 22=C' / #C1=$2 1X' =1' /=' $ =/0 2F"/-' F' F =C1.' $=P]1' /=C' K$=<C /#' DFD=' D2= "C' / " #$=C' =1' /=' I ="FE=C-' DF$E=' N#=-' 2F' &= 22=' /=' E=C' J$F"/=C' E$ C=C' D%2 0 1 N#=C-' 2 %D " %"' /=' 1%#C' 2=C' FJ="1C' -/=' 2F' E%#$' /=' % I =' ="

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DFLC' .1$F"J=$C' .1F 1' 2F' /.<F 1=' =1' 2F' /=C1$#E1 %"' /=' 2 F$ I .=' <$F"PF C=' I

=C' O% I I =C' CFJ=C=1' $=2 J =#W' %"1-' /F"C' 2=C' / <<.$="1C' C QE2=C-' E%"C /.$.' E% I I =' <bEO=#W' =1' "# C K2=' M' 2F' $=2 J %"' E=' I .2F"J=' /=' D# CCF"E=' 1= I D%$=22=' K%$".=' M' #"' D=1 1' E% "' /=' 2 1F2 =' =1' /=' D# CCF"E=' CD $ 1#=22=' C .1="/F"1' C#$' 1%#1' 2 #" &=$C$' E=' I .0 2F"J=' / F<<F $=C' 1= I D%$=22=C' N# ' EOF"J="1' E% I I =' 2=C' EO%C=C' /=' 2F' 1=$$=' =1' C#$1%#1' M' E=$1F "=C' J$F"/=C' .D%N#=C' /=' 2 O C1% $=' E% I I =' E=22=' %a' "%#C' "%#C' 1$%#&%"C-' =1' / F<<F $=C' CD $ 1#=22=C' N#' C%"1' I I #FK2=C' E% I I =' 3 =#' =1' N#' "=' EOF"J="1' F I F C' =' DF$1' N# F' D$ C' 2 = I D=$=#$' =C1' /#' $=CC%$1' /=' 2F' D%2 1 N#=' =1' /=C' F<<F $=C' /=' 2F' 1=$$=' F' F =C1.' "=' 1$%#&=' D% "1' /=' I = 22=#$=' JF$F"1 =' D%#$' 2F' 1$F"N# 22 1.' /=' C=C' D=#D2=C' E%"1$=' 2=C' FK#C' /=' 2 "22#="E=' CD $ 1#=22=' E% I I C' DF$' 2=C' DFD=C-' =1' /%"1' 2=C' DFJ=C' /=' 2 O C1% $=' C%"1' $= I D2 =C-' N#=' /F"C' 2 F#1%$ 1.'=1' 2F' I CC %"' /=C' .&YN#=C' N# -' F11FEO.C' F#' C%2' DF$' 1%#C' 2=C' 2 ="C' /#' CF"J-' %"1' "1.$Y1' /=' $=D%#CC=$' F&=E' 2=C' I Y I =C' F$ I =C' 2=C' F11="1F1C' /=C' $.J% $=' =1' /=C' %" <FE%-' =1' /=' E=#W' N#' %"1' &%#2#' .1FK2 $' 2=C' D$.1="1 %"C' C#K&=$C &=C' E%"1="#=C' /F"C' 2=' K#22=' 9 E) ! "' D$.1="1 %"C' N#' %"1' =WE 1.' 2 "/J"F1 %"' /=' 1%#C' 2=C' C%#0 &=$F "C-' /=' 1%#C' 2=C' D=#D2=C' =1' /=' 1%#C' 2=C' &$F C' .&YN#=C

F' F =C1.-' 2%$CN# =22=' &%#2#1' $.1FK2 $' 2=C' F#1=2C' ="' $F"E=-' =#1' K=C% "' / F&% $' $=E%#$C' M' 2F' E%#$' /=' % I =

2' " L' F&F 1' D2#C' F2%$C' / .&YEO.C' ="' $F"E=S' 2=C' .&YN#=C' .1F ="1' ="' DF$1 =' I %$1C-' ="' DF$1 =' /.D%$1.C' =1' $.<#J .C' EO=X' 2 .1$F"J=$' I

7%#$' $.1FK2 $' 2 J2 C=' /=' $F"E=-' 2' " L' F&F 1' / F#1$=' I %L="' N#=' /=' / = I F"/=$' F#W' .&YN#=C' /=' /%""=$' 2=#$' /. I CC %"-' %#' /=' 2=#$' c1=$' 2=#$C' D%#&% $C' DF$' #"=' K#22=' /=' 2F' E%#$' /=' % I =-' F<"' /=' $=E% I D%C=$'="C# 1=' 2 J2 C=' /=' $F"E=

7=$C%""=' "=' CF 1' I =#W' N#=' &%#C-' I =CC =#$C-' E% I K ="' E=1

FE1=' .1F 1' ". E=CCF $=-' E% I K ="' 2F' $=2 J %"' 2# ' /% 1S' I F C' ="< "' E=1' FE1=' .1F 1' D$=CN#=' CF"C' =W= I D2=' /F"C' C1% $=' /=' 2 J2 C=-' =1' 2F' E%#$' /=' % I =' =C1' DF$1 =' /=' E=11=' =CDQE=' / FE1=' =W1$F%$0 / "F $=-' N# =22=' F' <F 1' M' 2F' /= I F"/=' /#' C%#&=$F "-' D%#$' C=' $="<%$E=$' /F"C' C=C' /.=Cmm/=' /% I "F1 %"' F$K 1$F $=' C#$' 2=C' .&YN#=C-' =1' /F"C' 2F+E$%LF"E.' N#=' 2=C' DFD=C' /=&F ="1' / CD%C=$' ="' I FZ1$=C' /=C'F<<F $=C' CD $ 1#=22=C' =1' I Y I =' /=C'F<<F $=C' 1= I D%0 $=22=C-' DF$E=' N#=' □ ═ ═ / ═ ═ ═ □ (' 3=D# C' =1' F&F"1' CF "1' %# C-' 2=C' C%#&=$F "C' /=' $F"E=' =1' /=' 1%#C' 2=C' 1F1C' /=' 2 #$%D=' %"1' =#' /=C' / CE#CC %"C' F&=E' 2F' E%#$' /=' % I =-' =1' %"1' .1.' CF"C' E=CC=' %EE#D.C' M' ="' $=D%#CC=$' 2=C' D$.1="0 1 %"C ' 2C' %"1' 1%# %#$C' .1.' J# /.C' -' .E2F $.C' =1' C%#1="#C' /F"C' E=' J$F"/' K#1' DF$' 2=C' .&YN#=C ' #CC ' D=#1+%"' / $=' N#=' 2F' E%#$' /=' % I =' F' =#' E%"C1F I I ="1' D%#$' K#1' /=' / I "#=$' 2 =W C1="E=-' 2F' E%"C /.$F1 %"' =1' 2=C' D$.$%JF1 &=C' /=C' .&YN#=C-' ="' F11$ K#F"1' F#' C QJ=' /=' % I =' E=' N# -' / "C1 1#1 %"' D$ I 1 &=-' FDDF$1 ="1' M' 1%#1' 2 .D CE%DF1

.D CE%DF1' =C1' /.1$# 1' ="' 22= I FJ"=' 2' =C1' $= I D2FE.' DF$' /=C' & EF $=C' FD%C1%2 N#=C ' $-' F' F =C1.' "%#C' F' %$/%"".-' I =CC =#$C-' /=' K ="' &%#C' =WD$ I =$' CF' D="C.=' =1' CF' &%2%"1.' 22=' "=' C%#<<$ $F' F I F C' F#E#"' & EF $=' FD%C1%2 N#= /F"C' C=C' 1F1C-' =1' =22=' "=' CF#$F 1' $=E%""FZ1$=' 2F' $=2 J %"' EO$.1 =""=' DF$1%#1' %a' =22=' "=' C=$F 1' DFC' =W=$E.=' =1' / $ J.=' DF$' 2F' I CC %"' /=C' .&YN#=C ' =C1' 2F' $=2 J %"' /=' :.C#C+ O$ C1-' E=22=' N# %"1' D$%0 <=CC.=' OF$2= I FJ"=' =1' CF "1' %# C-' N#=' F' L=C1.' F' $.1FK2 =' ="' $F"E=-' =1' "%"' 2F' /%E1$ "=' /=C' $.J% $=' =1' /=C %" <FE=-' N# ' =C1' "E% I DF1 K2=' F&=E "/.D="/F"E=-' 2F' / J" 1.' =1' 2F' C%#&=$F "=1.' /=' 1%#C' 2=C' 1$c"=C ' F' F =C1.' $=E%""FZ1' 2=' DFD=' E% I I =' 2=' EO=<' /=' 2 J2 C=-' E= I I =' 2=' D$= I =$' /=C' .&YN#=C-' E% I I =' 2=' E="1$=' / #" 1.' $' I F C' =22=' "=' 2=' $=E%""FZ1$F' F I F C' E% I I =' .&YN#=' #" &=$C=2 ' 22=' "=' 2# ' $=E%""FZ1' D% "1' 2=' /$% 1' /=' /=C1 1#=$' %#

/ =' EOFCC=$' 2=C' .&<1N#=C' / =' 2=#$C' J2 C=CS' ="E%$=' I % "C' 2=' D%#0 &% $' / F".F"1 $' /F"C' #"' DFLC' 2 .D C %DF1-' /%"1' 2 =W C1="E=' =C1' F#CC ' ".E=CCF $=' M' 2F' $=2 J %"' N#=' 2F' DFDF#1.' I Y I =

1' D%#$1F"1' & "J1+C=D1' .&YEO.C' C%"1' LFEF"1C-' DF$ I ' 2=C0 N#=2C' C%"1' 2=C' F$EO=&YEO.C' / =' 7F$ C-' / =' 2%$="E=-' / =' 2F"-' / =' ; ="C=-' / W-' / =' %#$J=C-' =1E -' =1E ' =F#E%#D' / .&YN#=C' C%"1' & =#W' =1' 2=' I %L="' / L' D%#$&% $' < W.' DF$' 2=' E%"E%$/F1' " =W C1=' D2#C ' =' E%"E%$/F1' =C1' #"' E%"1$F1' CL"F22FJ I F1 N#=' ĭ 2=' DFD=' 2 F' & %2.' M' /=#W' $=D$ C=C' / <<.$="1=C' =1' D="/F"1' 2 =CDFE=' /=' C=D1' F"C' C#$' / W ' 2' " %<<$=' D2#C' F#E#"=' JF$F"1 =S' +2=' E%"E%$/F1' " =W C1F"1' D2#C-' "%#C' "%#C' 1$%#&%"C' $=D%$1.C' F#W' 1= I DC' / =' OF$2= I FJ"=-' / =' CF "1' %# C-' / =' OF$2=C' ; '=1' F#W' 1= I DC' F"0 1.$ =#$C' F#' N%"E%$/F1' / =' $F"P% C' U' =1' / =' .%"' G ' 8#=2' N#=' C% 1' 2=' I %/=' N#=' 2=' E%"E 2=' EO% C $F' E% I I =' 2=' D2#C' E%"2%$ I =' F#W' EF"%"C' =1' F#W' #CFJ=C' / =' 2 J2 C=-' F' F =C1.' 2=' $F1 < =$F-' D%#$&#' N#=' /F"C' 1$% C' I % C' 1%#C' 2=C' .&YEO.C' &FEF"1C' C% ="1' D%#$&#C' =1' N#=' F I F C-' C%#C' N#=2N#=' D$.1=W1=' N#=' E=' C% 1' =1' /F"C' N#=2N#=' E $E%"C1F"E=' N# %"' C=' 1$%#&=+-' #"=' J2 C=' "=' D# CC=' $=C1=$' D2#C' / =' 1$% C' I % C' &=#&=' / =' C%"' .&YN#=

=$1=C-' C ' 2 = I D=$=#$' =]1' .1.' "/ <<.$="1' D%#$' 2=C' F<<F $=C' $=2 J =#C=C-' 7' =]1' E%"1 "#.' M' "% I I =$' /=C' .&YN#=C' N# ' F#0 $F ="1' $=P#' /=C' EOFD 1$=C' 2=C' D%#&% $C' CD $ 1#=2C' E% I I =' & EF $=C' EFD 1#2F $=CS' F#' K%#1' / =' & "J1' F"C' 2 .D CE%DF1' F#$F 1' .1.' .1= "1-' =1' CF"C' 2 .D CE%DF1' 2F' $=2 J %"' EO$.1 ="" =' " =]1' D2#C' .1.' 2F' $=2 J %"' /=C' FDc1$=CS' I F C' F' F =C1.' ="' $=2=&F"1' 2=C' F#1=2C' " F' DFC' EO=$EO.' C ' =22=' <=$F 1' N#=2N#=' EO%C=' / FJ$.FK2=' %#' "%"' M' 2F' E%#$' / =' % I = ' =' " =C1' DFC' D%#$' =22=' N#=' 2 = I 0 D=$=#$' 2=C' F' $.1FK2 C ' F' $=2 J %"' =C1' 2=' K ="' / =' 1%#C' 2=C' D=#0 D2=C' $ =22=' 1%#$"=' F#' D$%< 1' / =' 1%#C' $ =22=' "=' D=#1' /%"E' Y1$=' " ' 2=' DF1$ I % "=' / F#E#"' DFLC-' / F#E#"' EF"1%"' ="' DF$1 E#2 =$ ' %$CN#=' $F"P% C' U' < 1' C%"' E%"E%$/F1' F&=E' .%"' G -' 2=C' DFD=C

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.1F ="1' D# CCF"1C' E% I I =' D$ "E=C' 1= I D%$=2C ' 2C' C=' KF11F ="1' M' 2F' 1Q1=' /=' 2=#$C' F$ I .=C-' 2C' F&F ="1' /=C' F22 F"E=C' F&=E' 2F"-' 2%$="E=-' ;=" C=-' =1' $F"P% Cs 'E%"E2#1' ="' DF$1 =' E=' E%"E%$/F1' D%#$' C=' $=" /$=' <F&%$FK2=' 2F' D# CCF"E=' 1= I D%$=22=' /=C' DFD=C ' %$CN#=' 2 = I D=$=#$-+F# @KE%"1$F $=-' F' 1$F 1.' F&=E' 2=' DFD=' FE1#=2-' 2' " .1F 1' $ ="' E% I 1" =' D# CCF"E=' 1= I D%$=22=-' 2' " .1F 1' $ ="' " ' /F"C' 2F' KF2F"E=' /=' 2 #$%D=-' " ' /F"C' E=22=' /=' 2 1F2 = ' "C ' 2 = I D=$=#$' "=' C# & 1' N#=' 2=' C="1 I ="1' /=' CF' D$%D$=' E%"CE ="E=' $ 2' &%#2#1' $.1FK2 $' 2F' $=2 J %"' /=' "%C' DQ$=C' D%#$'2=' K ="' =1' 2=K%"+' 2 =#$/=' C=C' D=#D2=C' =1' 2FmC1FK 2 2.' /=' C%"' 1$c"= ' F' F =C1.-' M' 2 =W= I D2=' /=' OF$2= I FJ"=-' /=' CF "1' %# C-' /=' OF$2=C' ; '=1' /=' 1%#C' C=C' D$./.E=CC=#$C-' /F"C' /=C' E $E%"C1F"E=C' C= I K2FK2=C-' F' /%"E' EOF$J.' 2=' EN"E 2=-' $.#" CCF"1' 2=C' .&YN#=C' /=' /=#W' 1 =$C' /=' 2F' EO$.1 ="1.-' /=' D$="/$=' /=C' I =C#$=C' D%#$' N#=-' &#' 2F' /.EO.F"E=' %a' =C1' 1% I K.' 2=' E%"E%$/F1-' 2' C% 1' D%#$&#' M' 2F' "% I "F1 %"' =1' M' 2 "C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C' C% 1' / FD$QC' 2=' I %/=' C# & ' C%#C' CF "1' %# C-' %#' OF$2=C' ; -' %#' / FD$QC' 1%#1' F#1$=' I %/%' N#=' 2=' E%"E 2=' #J=$F' 2=' D2#C' E%"0 <%$ I =' F#W' EF"%"C' =1' F#W' #CFJ=C' /=' 2 J2 C=-' F< "' N# 2' "=' C% 1' F#' D%#&% $' / F#E#"' O% I I =' /=' D$ &=$' 2=C' / %EQC=C' /=' 2=#$C' .&YN#=C-' " ' /=' I =11$=' #"' 1=$ I =' %#' #"=' "1=$$#D1 %"' M' E=11=' C# 1=' /=' DFC1=#$C' N# ' /=D# C' 2=C' FDc1$=C' /% &="1' F22=$' #CN# M' 2F' < "' /=C' C QE2=C

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' 2=' E% I 1=' J%1' /=' 7$.F I ="=#-' <F 1=C+<"% ' E%""FZ1$=' i')K' 2=C'
EOF"J= I ="1C' <F 1C' M' 2 F/$=CC=' N#=' 2=' E%"E 2/' /% 1' I =' D$.C="1=$S'
U' C ' =22=' =C1' C J".=' DF$' 1%#C' 2=C' .&cN#=C ' #$' E=
=11=' 2=11$=' " =C1' DFC' "C.$.=' /F"C' 2F' E%$$=CD%"/F"E=' /=' !FD%2.%"' U

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,' " 22=1')))

' F' F =C1.' I F' /%"".' 2 %$/$=' /=' &%#C' <F $=' CF&% $-' E% I I ='
D$.C /="1' /=' 2F' E% I I CC %"' D%#$' $.D%"/$=' F#' I =CCFJ=-' N# 2' =C1'
/F"C' C%"' "1="1 %"' N#=' 2F' N#=C1 %"' /=' E% I D.1="E=' C% 1' / FK%$/'
1$F 1.=-' =1' C ' 2F' E% I I CC %"' =C1' / F& C' /=' 2 "E% I D.1="E=' N#='
E=11=' N#=C1 %"' C% 1' /=' C# 1=' D%$1.=' F#' E%"E 2=

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* # 22=1' *

%"C /.$F"1' N#=' 2=' D$% =1' /=' /.E$=1-' /%"1' 2' F' .1.' N#=C1 %"'
/F"C' 2F' C.F"E=' / O =$-' \' # 22=1-' /=' 2F' E% I I CC %"' /=C' %"X=' /#

E%"E 2=-' =C1' ="' E%"1$F/ E1 %"' I F" <=C1=' F&=E' 2=' <F 1' /=' 2F/ 1=' E% I I CC %"-' N# -' M' 2F' D2#$F2 1.' /=' O# 1' &% W' E%"1$=' N#F1$=-' C =C1' /.E2F$.=' "E% I D.1="1=' D%#$' D%$1=$' #"' 1=7' /.E$=1S

j' 8#=' E=11=' /.E2F$F1 %"' F' .1.' D$.E./.=' /=' 2%"J#=C' / CE#C0 C %"C' C#$' 2=' EFC' /#' /.%<=1-' N#' =C1' /="1 N#= I ="1' 2=' I Y I =' N#=' 2 .&YN#=' /=' ! F$q1=C' F&F 1' F&F"E.' /F"C' 2F' /=#W Q I =' D$%D%0 C 1 %"-' N# 7' F' /.E2F$.' " Y2$=' DFC' F#1%$ C.' M' E% I I #" N#=$' F#W' F#1$=C' 7Q$=C' /#' E%"E 2='S

j' 8#=' E%"C.N#= I I ="1' 2=' E%"E 2=' D%#$$F 1' Y1$=' DF$' 2M' "/# 1' ="' =$$=#$' C#$' 2F' "F1#$=-' 2 I D%$1F"E=' =1' 2=C' C# 1=C' /#' /.E$=1' N# 7' /=&F 1' D%$1=$S

,K' 8#=' 2=' D$% =1' /=' /.E$=1-' K ="' 2% "' /=' /%""=$' #"=' JF$F"1 =' C#$' 2F' &F2 / 1.' /=' 2 "C1 1#1 %"' EF"%" N#=-' /%"1' 7' /% 1' Y1$=' 2F' C%#$E=-' /%""=' F#' E%"1$F $=' 2F' E=$1 1#/=' I %$F2=' %#' /#' I % "C' /=C' /%#1=C' =<<$FLF"1C' C#$' 2=' D% "1' EFD 1F7' /=' 2F' &F2 / 1.' /=' E=11=' "C1 1#1 %"'S

`K' 8#=' 2F' CF"E1 %"' /=' 2 = I D=$=#$-' N# -' F&F"1' 2=' /.DF$1' /=' 2F' /.D#1F1 %"' &=$C' 2=' DFD=-' E%"&=$1 $F 1' 2=' /.E$=1' ="' 2% ' /=' 2 1F1-' 2F CC=$F 1' E=' /.E$=1' /F"C' CF' "#22 1.' $F/ EF2=-' N#F"1' M' 2F' &F2 / 1.' /=C' D%#&% $C' CD $ 1#=2CS

K' 8#=' 2=' /.E$=1' "#7' DF$' 2# + I Y I =-' C=' 1$%#&F"1' CF"E1 %""." DF$' 2F' D# CCF"E=' E & 2=-' F#J I ="1=$F 1' 2=C' %KC1FE2=C' =1' $="/$F 1' K=F#E%#D' D2#C' / < E 2=C-' D%#$' "=' DFC' / $=' I D%CC K2=C-' 2=C' F#0 1$=C' I =C#$=C' EF"%" N#=C' N# ' D%#$$F ="1' 1=$ I "=$' E=11=' F<<F $=-' /=' I F" Q$=' M' FCC#$=$' 2F' &F2 / 1.' /=' 2F' #$ / E1 %"' /=C' "%#&=F#W' .&YN#=C'S

Z@' 8#=' 2=' I F7' N#=' =' & ="C' / =WD%C=$' F$$ &=$F 1' ".E=CCF $=0 I ="1' /F"C' 2=' EFC' %a' 2=' DFD=-' #C1= I ="1'%<<="C.' / #"' /.E$=1' DF$' 2=N#=7' C=C' "<.$ =#$C' C= I K2=$F ="1' &%#2% $' 2# ' <F $=' F' 2% -' & ="0 /$F 1' M' $=<#C=$' / L' FEN# =CE=$S

*K' 8#=' 2=' /.E$=1-' $=C1F"1' "#7' DF$' E=' $=<#C' =1' .1F"1' FDD#L.

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/ #"' F#1$=' Ec1.' DF$' 1%#C' 2=C' I %L="C' /=' 2F' D# CCF"E=' E & 2=' N# ' 2 F#$F 1' CF"E1 %"".' E% I I =' 2% ' /=' 2 1F1' =1' N# ' &%#/$F 1' 2=' I F "1=" $' =1' 2=' <F $=' F/ I =11$=' /F"C' 2=C' / %EQC=C-' $= I D2 $F 1' 2 J2 C=' JF22 EF"=' /=' 1$%#K2=' =1' /=' E%"<#C %"' =1' "%#C' E%" /# $F 1' M' #"' CEO C I =' ".& 1FK2=S

7F$' E=C' $F C%"C' =1' K=F#E%#D' / F#1$=C' N# %"' D%#$$F 1' 1 $=$' C#$1%#1' /=' 2F' I F$EO=' $$.J#2 Q$=' /=' 2F' E% I I CC %"' M' 2 .JF$/' /#' E%"E 2=-' M' N# ' 2 %"' C= I K2=' &%#2% $' 2F CC=$' J"%$=$' 1%#1' E=' N# ' C =C1' DFCC.' /=DD C' "%1$=' D$= I Q$=' FCC= I K2.=' #CN# M' E=22=' /#' \' /=' E=' I % C-' =' /.E2F$=' N#=' =' $.&%N#=' =1' N#=' =' $=JF$/=' E% I I =' "%"' F&="#' 2=' E%"C="1= I ="1' N#=' F ' /%"".' O =$' M' 2F' E%"<=E1 %"' /#' D$% =1' /#' /.E$=1' /%"1' 2' C FJ 1

F 1' M' 7F$ C-' 2=' *' # 22=1')*

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s2' # 22=1'

%"C =#$' 2=' E% I 1=-' =' &%#C' $="&% =' 2=' $FDD%$1' /=' 2 F$EO=0 &YN#=' /=' %#$C' %a' F ' =<<FE.' /=C' EO%C=C' N# ' I %"1' DF$#' "E%"&="F"1=C ' #$' E=

=22=' E22$=' =C2' DFC' "C.$.=' /F"C' 2F' E%$$=CD%"/F"E=' /=' !FD%2.%"' 1=$

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' 3 ! ' ' 4' ! ' 3 ' 4

' " 22=2')*))

%"C =#$' 2=' I " C $=-' F' F =C2.' I F' <F 1' /= I F" /=$' #"=' $.D%"C=' EF1.J%$ N#=' M' F' N#=C1 %"' /=' CF&% $' C ' /F"C' 2F' E%"0 J$.JF1 %"' DF$1 E#2 Q$=' /#' E%"E 2=' D%#$' $.D%" /$=' F#' C#<<$FJ=-' F ' &%1.' D%#$' 2 F/ I CC %"' /#' /.E$=1' E%"1$=' 2=N#=2' 2F' I F %$ 1.' /=' 2F' / 1=' E%"J$.JF1 %"' C =C1' D$%"%"E.= ' :=' $.D%" /C' F<< $ I F1 &= I ="1' =1' =' /.E2F$=' N#=' F ' &%1.' D%#$' 2 F/ I CC %"' /#/ 1' /.E$=1

UUU

' 3 ! ' 7 ' 4' ! ' 3 ' 4

' 7F$ C-' \' # 22=1')*))

:=' $=P% C' FD$QC' /=#W' O=#$=C-' =1' DF$' E%"C.N#="1' 1$%D' 2F$/ -' 2F' 2=11$=' /=' ; %1$=' WE=22="E=' "E% I I %/.' / #"=' <2#W %"' F#W' /="1C-' =1' " .1F"1' D% "1' OFK 22.-' 2' I =' C=$F 1' I D%CC K2=' /=' I =' $="/$=' M' 2 FCC= I K2.= ' :=' "=' I =' C# C' DFC' / F 22=#$C' E%"C /.$.' E% I I =' "& 1. ' 22=' I =' <F 1' E%""FZ1$=' N# =22=' " F' E%"&%N#.' N#=' E=#W' /=C' .&YN#=C' N# ' %"1' F/O.$.' F#' /.E$=1 ' :=' " F ' /%"".' M' E=' /.E$=1' F#E#"=' F/O.C %"' /=D# C' 2=C' .&."= I ="1C' N# ' %"1' C# & ' 2F' { / CC%2#1 %"' /#' E%"E 2=-' =1' /F"C' 2F' 2=11$=' N#=' F ' =#' 2 O%""=#$' ' / F/$=CC=$' M' ; %1$=' WE=22="E=-' =' "=' <F CF C' N#=' /.E2F$=$' F&% $' &%1.' D%#$' C%"' F/ I CC %"' /F"C' 2F' E%"J$.JF1- %"' /%"1' 2F' I F %$ 1.' C .1F 1' D$%"%"E.=' E%"1$= ' :=' D$ =' /%"E' ; %1$=' WE=22="E=' /%' $= I F$N#=$' N#=' I F' 2=11$=' " =C1' DFC' E% I I =' =22=' I =' 2=' I F$N#=' #"=' 2=11$=' / F/O.C %"' F#' D$% =1' /=' /.E$=1' D$.C="1.' F#' E%"E 2=

I, 7 ' :4 ;

GGG

" 2 7 ' 3 ' ! ! 4 ' ($8 %@FE4%' /%' 94$&
4 ' ' 3 74 !' ! ; ' ' ; ! ' 4'
3' ' '))*' '
(R'$FDD%$1' " F' .1.' 2#' F#' E%"D 2=' N#=' /F"'C' CF' C.F"E=' /#' \' # 22=1')*))

=CC= J"=#$C-

3=#W' %#$C' F&F"1' 2 %#&=$1#$=' /#' E%"E 2=' "F1 %"F2-' &%#C' F&DX'
D$=CN#=' 1%#C' ="1=" /#-' .1F"1' $.#" C' EO=X' ' ' ' EU 2=' EF$/ ++'
"F2' =CEO-' 2=' D$= I =$' $FDD%$1' N# F' <F 1' C ' 2 .&.N#%' /%' ! F"1=C'
/=' 2F' /.D#1F1 %"' /=C' .&YN#=C' ="&%L.C' O' "%1$=' CF "1+DQ$=' 2='
DFD=' F&=E' 2F' D=$ I CC %"' /=' F' F =C1.' 2 = I D=$=#$' =1' $% -' DF$'
/%#X=' EF$/ "F#W' %#' .&YN#=C' N# ' C=' 1$%#&F ="1' M' 7F$ C' &=$C' 2F'
< '" /#' I % C' / F&$ 2' /=$" =$

F C' E=11=' /.D#1F1 %"' 1 ="1' C ' =CC="1 =22= I ="1' F#' J$F" /' %K =1'
/=' 2F' E%"&%EF1 %"' /#' E%"E 2=-' =22=' =C1' #"' I %"# I ="1' C ' F#1O="0
1 N#=' /#' $=CD=E1' < 2 F2' D%#$' 2=' CF "1+C QJ=' N# ' F' E%"C1F I I ="1'
F" I .' 2=C' .&YN#=C' <$F"PF C-' I c I =' /F"C' 2=C' 1= I DC' 2=C' D2#C' / <2 +'
E 2=C-' N# 2' =C1' /=' "%1$=' /=&% $' /=' &%#C' =WD%C=$-' F&=E' #"' D=#'
D2#C' /=' /.1F 2-' 1%#1' E=' N# ' C =C1' DFCC.' /F"C' 2=' E%#$C' /=' "%1$='
O%"%$FK2=' I CC %"-' C=C' EF#C=C' =1' C=C' $.C#21F1C ' #' I % C' /=' I F$C'
/=' 2 F"".=' /=$" Q$=-' / W+"=#<' .&YN#=C-' $.#" C' EO=X' =' 2=' EF$0
/ "F2' =CEO-' =#$="1' <O%""=#$' / .E$ $=' M' F' F "1=1.' #"=' 2=11$=-' DF$' 2FN#=22=' 2C' C%22 E 1F ="1' $=CD=E1#=#C= I ="1' 2 F I 0
D2 F1 %"' /=C' D%#&% $C' =W1$F%$/ "F $=C' $=2F1 <C' F#W' / CD="C=C'
F "C ' N#=' 2 =WD./ 1 %"' /=C' K#22=C' D%"1 < EF2=C' N#=' $.E2F I F ="1-'
/=D# C' 2%"J1= I DC-' 2=C' K=C% "C' /=C' J2 C=C' D$ &.=C' /=' 2=#$C' D$=0
I =$C' DFC1=#$C

=11=' 2=11$=' =C1' C#$1%#1' $= I F$N#FK2=' DF$' 2 =WD$=CC %"' /=C

7 9 ' :4 ; h

C="1 I ="1C' / F I %#$' =1' /='$.&.$="E='< 2 F2='D%#$' 2=' CF "1+C QJ=-' N#='$ ="'"='D=#1' F I F C' F<<F K2 $' /F"C' 2='En#$' /=C' .&YN#=C' /=' 2 J2 C='JF22 EF"=

F I D2 F1 %"' /=C' D%#&% $C' =W1$F%$/ "F $=C' $=2F1 &= I ="1' F#W' / CD="C=C' " FLF"1' DFC' #"' $FDD%$1' I I ./ F1' F&=E' "%1$='/.D#1F0 1 %"-' "%#C' "='&%#C' ="' / $%"C' DFC' F#1$=' EO%C=-' I =CC= J"=#$C-' C ' E=' " =C1' N#='2=C' .&YN#=C' $.#" C' %"1' D="C.' #"F" I = I ="1' N#=' 1=22=' .1F 1' d 2F' J$F"/=#$' /#' I F2' =1' 2F' ".E=CC 1.' / #"' D$% I D1' $= I Q/=R-' N # =-' C ' 2F' $.D%"C=' /=' F' F "1=1.' "=' 2=#$' DF$&="F 1' D% "1-' 2C' C=' &=$$F ="1' E%"1$F "1C' DF$' E=' C=#2' <F 1' =1' DF$' 2F' <%$E=' /=C' EO%C=C' / FEE%$/=$' I % I ="1F". I ="1' E=C' / C0 D="C=C ' 5

=#$C' C#DD2 EF1 %"C' $=CD=E1#=#C=C' ="' <F&=#$' /=C' J2 C=C' <F 0 CF ="1' F22#C %"' M' / &=$C=C' 2=11$=C' F/$=CC.=C' M' F' F "1=1.' ="' ,* B-' DF$' #"' J$F"/' "% I K$=' / .&YN#=C' C%2.C-' D%#$' 2F' E%" #0 $=$' / FEE%$/=$' 2=C' K#22=C' / "C1 1#1 %"' EF"%" N#=' F#W' C# =1C' /=D# C' 2%"J1= I DC' "% I I .C' DF$' F' 2F =C1.' F#W' .&YEO.C' &F0 EF"1C

d ! %#C' "='EO=$EO=$%"C' DFC-' $QC+CF "1+DQ$=-' 5 =C1+ 2' / 1' /F"C' 2F' 2=11$=' /=C' / W+"=#<' .&YN#=C-' d M' D." .1$=$' 2=C' I %1 <C' N# ' / $ 0 J="1' 2F' E%"/# 1=' /=' ; %1$=' F "1=1.' /F"C' 2=' DF$1 ' N# =22=' C= I K2=' F&% $' D$ C' M' 2 .JF$/' /=' 2 "C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C-' I F C' "%#C' E$%L%"C' D%#&% $' 2# ' $=D$.C="1=$'F&=E' 1%#1' 2=' $=CD=E1' N#=' "%#C' /=&%"C' M' CF' / J" 1.' F#1F"1' N# M' C=C' I F2O=#$C-' N =-' N#=22=C' N#=' C% ="1' C=C' $F C%"C' -' N#=2C' N#=' C% ="1' 2=C' I %1 <C' /=' D2F "1=C' N# =22=' D# CC=' F&% $' / F 22=#$C-' N#=2N#=' <%"/.=C' N#=' D# CC="1' Y1$=' C=C' $.D#J"F"E1 J-' N#=2N#=' /#$=' =1' D." K2=' N#=' D# CC='Y1$=' 2F' C 1#F1 %"' -' 2' " ="' =C1' DFC' I %"C' .& /="1' N#=-' /F"C' 1%#1=C' 2=C' C#DD%C 1 %"C' D%CC K2=C-' =22=' "=' CF#$F 1' D=$0 C C1=$' /F"C' #"='$.C C1F"E=' N# ' /% 1' ".E=CCF $= I ="1' F&% $' #"' 1=$ I = ' 5

+ * 721 ' :4 ;

"' =WF I "F"1' E=11=' 2=11$=' I . I %$FK2=-' 2=C' / W+"=#<' .&YN#=C' E%" #$="1' /=' 2F' I F" Q$=' 2F' D2#C' 1%#EOF"1=' "%1$=' CF "1+DQ$=' 2=' DFD=' — — — # — +' □ — — . — *— — F ! —G ="' $=<#CF"1' /%' 2# ' /%""=$' 2=C' .&YN#=C' N# =22=' $.E2F I =' =1' /=' "=' DFC' 2F' $./# $=' F "C ' M' 2F' 1$ C1=' ".E=CC 1.' =1' M' 2 =W1$.0 I 1.' <bEO=#C=' /=' / CE#1=$' 2=C' I %L="C' /=' D%#$&% $' O' CF' D$%D$=' E%"C=$&F1 %"' R' 5

' 2 .D%N#=' /%' 2 ="&% ' /=' 2F' 2=11$=' / #"' C ' J$F"/' "% I K$=' / .&YN#=C-' 2' " =C1' D=$C%""=' N# -' ="' 2 CF"1' E=21=' D.$%$F C%"' <%$1=' =1' $=CD=E1#=#C=-' " F 1' E$#' &% $' / F&F"E=' 2 F""%"E=' / #"' E%"0 E 2=' "F1 %"F2-' =1' 2F' "F1#$=' /=C' $.C%2#1 %"C' N# 2' D%#$$F 1' D$="/$=' C 2' .1F 1' FDD=2.' M' $= I ./ =$' F#W' I F#W' /=' "%C' J2 C=C ' ! %#C' E$%L%"C' "#1 2=' /=' &%#C' $FDD=2=$-' I =CC= J"=#$C-' 2=C' .&."= I ="1C' N# ' %"1' =#' 2 =#' /=D# C' 2 .D%N#=' /=' 2F' /F1=' /=' 2F' 2=11$=' /=C' / W+"=#<' .&YN#=C' =1' N# ' %"1' ="] "' F I =" .' 2F' E%"&%EF0 1 %"' /#' E%"E 2=

=' <#1' I I ./ F1= I ="1' FD$QC' E%11=' E%"&%EF1 %"-' <F 1=' 2=' `' /#' I % C' / F&$ 2' /=$" =$-' N#=' F' F =C1.' D=$ I 1' F#W' .&YN#=C-' F2%$C' $.#" C' M' 7F$ C' F#' "% I K$=' /=' N# "X=-' / ="&%L=$' #"=' /.D#1F1 %"' M' F' F "1=1.

u' 2=C' .&YN#=C' /=' $Y&=C-' /=' ! F"1=C-' =1' I % -' <] I =C' EOF$0 J.C' /=' E=11=' I . I %$FK2=' I CC %"' ' 2' =C1' /=' "%1$=' /=&% $-' I =CC= 0 J"=#$C-' /=' I =11$=' C%#C' &%C' L=#W' 2F' 2=11$=' /=' E$.F"E=' N# ' "%#C' <#1' /%"".=' DF$' 2=C' F#1$=C' D$.2F1C' $.#" C' EO=X' ' ' ' <' 2=' EF$/ "F2' =CEO

1' =11=' 2=11$=' M F' F "1=1.-' /" mF$C')*) -' =C' C J".=' DF$' ' ' #1' 1' 2=' EF$/ "F2' =CEO-' DF$' #R 2=C' F$EO=&YN#=C' /=' %"2%"C=-' /=' %#$C' =1' /=' F1 "=C-' =1' DF$' =cl 2=C' .&YN#=C' /=' ; =$E= 2-' /=' FCF-' / $2.F"C-' /=' $Y&=C-' /=' ! F"1=C-' /=' OF I O.$L' =1' ="Q&=-' / I ="C-' / $$FC-' /=' =1X-' /=' $%L=C-' /=' ; =$CF 22=C-' /=' =F#W-' / "1 I -' /=' ="1D=22 =$ =1' /=' % CC%"C

7 H ' :[; + C

.' H (D

(' =C' E $E%"C1F"E=C' #$J="1=C' /F"C' 2=CN#=22=C' "%#C' D2FE=' 2F' E%"&%EF1 %"' / #"' E%"E D' "F1 %"F2' M' 7F$ C-' 2=' B' /#' I % C' /=' # "' D$%EOF "-' D%#$' L' /.2 K.$=$' C#$' 2F' & /# 1.' /=' D2#C =#$C' J2 C=C' /=' 2 = I D $=' =1' C#$' 2=C ' I %L="C' / L' $= I ./ =$-' %"1'C#JJ.$.' M' 1%#C' 2=C' .&YN#=C' <$F"PF C' N# ' C=' 1$%#&="1-' ="' E=' I % I ="1-' /F"C' E=11=' EFD 1F2=-' 2=' /=CC "' / I 1=$' 2F' E%"/# 1=' #C 1.=' /=' "%C' D$.0 /.E=CC=#$C' /F"C' 1%#1=C' 2=C' J$F"/=C' %EEFC %"C' %a' 2=C' "1.$Y1C' /=' 2F' $=2 J %"' %"1' FDD=2.' 2=#$' E% I I #"=' C%22 E 1#/=-' =1' "%#C' "%#C' C% I I =C' FCC= I K2.C' F#D$QC' /=' ' ' ' d' 2=' EF$/ "F2' =CEO-' C ' / J"=' DF$' C%"' $F"J' =1' C=C' N#F2 1.C' D=$C%""=22=C' /=' < W=$' "%1$=' E%"< F"E=

d ! %1$=' D$= I =$' &n#-' 1$QC+CF "1' DQ$=-' =1' "%1$=' C="1 I ="1' #"F" I =' %"1' .1.' /=' /.D#1=$' I I ./ F1= I ="1-' F&=E' 2F' D=$ I CC %"' /=' F' F =C1.' 2 = I D=$=#$-' d' 2 F$EO=&YN#=' /=' %#$C-' F&=E' Cu' 2=C' .&YN#=C' /=' $Y&=C' =1' /=' ! F"1=C-' &=$C' ; %1$=' F "1=1.-' D%#$' /.D%C=$' M' C=C' D =/C' 2 O% I I FJ=' /= "%1$=' $=CD=E1' =1' /=' 2F' D .1.' < 2 F2=' N# ' "%#C' #" 1' F#' C QJ=' FD%C1%2 N#=

d =C' 1$% C' D$.2F1C' I .$ 1="1' . I "= I I ="1' 2F' E%"< F"E=' /=' ; %1$=' F "1=1.-' E% I I =' 2F' "c1$=-' DF$' 2=#$C' &=$1#C-' 2=#$' XQ2=' D%#$' 2F' $=2 J %"-' 2=#$C' 2# I Q$=C' =1' 2=#$' /%E1$ "=

d ! %#C' C#DD2 %"C' ; %1$=' .F1 1#/=' / FEE#= 22 $' "%C' 1$% C' $=D$.C="1F"1C' F&=E' 2F' K ="&= 22F"E=' 2F' D2#C' DF1=$"=22=' =1' /=' E$% $=' E=' N# 2C' 2#' / $%"1' ="' "%1$=' "% I ' F&=E' 2F' <=$ I =' D=$+' C#F1 %"' N# 2C' C=$%"1'F&%#.C' /= %#C2=C' .&YN#=C' /=' $F"E=

d =C1' ="' = V=1' 1%#1=' 2 J2 C=' JF22 EF"=' N#' &F' DF$2=$-' DF$' 2=#$' K%#EO=-' M' "%1$=' F#J#C1=' EO=<

d ! %#C' "%#C' <2F11%"C' / F#1F"1' D2#C-' 1$QC+CF "1+DQ$=-' /=' &% $' "%1$=' /. I F$EO=' K." =' DF$' 2=' E =2-' N#=' "%#C' C% I I =C' 1%#C

h 7 9 ' :4 ;

:9 +' 9' 4 7+' 49 9 &5' 7 6 ' :5' 4 45+' :5' M75+' 5&' :5' 9 > K9K5

K 67+' +744 6 +' 6& 5 9 &5&I' :5' 67+' 9 6 :5 ' 9 +' <7(97=' :J 5+' <7 ' 67+'+6 &' 6 I+' +9'NI I : & 6 '946+&6 <75' 5&' :(9K I5 ' (O6 ; ; 9K5' :7' & J+ 4 6 6 :' 5+45 &' 9M5 ' 5<75 ' 67+ 67+' ; 6 & 5 6 +' E7+<7(R' 6& 5' :5 5 ' +674 ' V' J+ ' +9 & 4J 5 V ' :5' 6& 5' 9 &5&I' 5+' & J+ O7 ; N 5+' & J+ : IM67I+' 5&' & 5+ :J 5+' +5 M &57 +' 5&' +1

d 7F$ C-' \' F&$ 2')*))

' ' ' ;' :' #%(- %' V"+#E' ;' :' *(' #%(- %' % (W' ;' ' %(- %' %+" ' ;' ' (#E" ! '' -'' & & +"' ;' &7 ' %(#E" ! '' -'' % "+' ;' & +9 ! '' -'' ."(+% "+' ;' ' ! '' -'' % & "' ;' ' ! '' -'' %+% ' ;' ' ! '' -'' X 71"(' ;' ' ! '' -'' &)1" "(;' ' K ! '' -'' (&W"+' ;' ' ! '' -'' "),' F

#1$=' E=21=' 2=11$=' .E$ 1=' ="' E% I I #"' =1' C J".=' DF$' /%#X=' .&YN#=C-' "%#C' <a I cC' EOF$J.C' /=' $= I =11$=' M' F' F "1=1.' /=C' 2=11$=C' "/ & /#=22=C' /=' / W+C=D1' EF$/ "F#W-' F$EO=&YN#=C' %#' .&YN#=C' N# ' C=' 1$%#&F ="1' M' 7F$ C' M' 2F' I Y I =' .D%N#=' %#1=C' .1F ="1' $=2F1 &=C' M' 2 %K =1' /=' 2F' E%"&%EF1 %"' /#' E%"E 2=' "F1 %"F2 ' =' 2=" /= I F "' /#' %#$' /=' "%1$=' F$$ &.=' M' F&%"=-' "%#C' <] I =C' "<%$ I .C' DF$' #"=' 2=11$=' /=' %"' WE=22="E=' 2=' I " C1$=' /=C' E#21=C-' N#=' 2 "1="1 %"' /=' F' F =C1.' .1F 1' N#=' C' 2 .&YN#=' /=' Fy"XF-' "% I I .' F#' DF1$ F$EOF1' /=' ; =" C=-' C=' % J" 1' M' "%#C' D%#$' =WD%C=$' M' F' F "1=1.' 2=C' I F2O=#$C' =1' 2=C' K=C% "C' /=C' J2 C=C' /#' $%LF# I =' / 1F2 =

7=" /F"1' / W' %#$C' E%"C.E#1 <C' "%#C' =] I =C' 2 O%" "=#$' / Y1$=' F/ I C' 2=' I F1 "' =1' 2=' C% $' F#D$QC' /=' F' F "1=1.' =1' /=' E%"<.$=$

F&=E' =22=' C 2$' 2=C' I F#W' $.C#21F"1' /=' 2F' & /# 1.' / #"' C ' J$F"/'
"% I K$='/ J2 C=C' I .1$%D%2 1F "=C'=1'/ J2 C=C' EF1O./$F2=C'/ #"='
I I ="C=' .1="/#=-

=' CF "1+DQ$='DF$#1' <$FDD.' /=' 2F' ".E=CC 1.' / LU $= I ./ =$'
CF"C' /.2F ' ! %#C' 2# ' =WD%Cb I =C'"%C'&n#W' F$/="1C-' E=#W' /=' "%C'
E%22QJ#=C' N# ' "%#C' F&F ="1' /.D#1.C' F#D$QC' /=' 2# -' E=#W' /=' 1%#C'
2=C' .&YN#=C' /=' $F"E=' =1' / 1F2 =-' 2=C' &n#W' ="< "' /=' 1%#C' 2=C'
< /Q2=C' D%#$' N#=' F' F "1=1.' L' $= I ./ b1' DF$' 2 #CFJ=' N# =22='
<=$F 1' /=' 2 F#1%$ 1.' /#' CF "1+C QJ=' =1' /=C'E%"E%$/F1C

! %#C' "=' /] I =C' DFC' 2# ' / CC I #2=$'N#=' 2 = I D=$=#$-' $=JF$/F"1'
2=' $=<#C' D=$C.&.$F"1' /=C' K#22=C' E% I I =' #"=' "<$FE1 %"' /#' /=$0
" ='E%"E%$/F1-' 2=' 1="F 1' D%#$' ="1 Q$= I ="1' FK$%J.' =1' N#=' F'
F =C1.' " .1F 1' / CD%C.=' F' L' $=&=" $'N# F#' I %L="' /=' 2 "C=$1 %"'
/ #"=' E2F#C=' F//1 %""=22=-' /%"1' 2=' K#1-' C=$F 1' /=' I =11$=' M'
2 F&=" $' #"' 1=$ I =' M' 2F' 2%"J#=' &FEF"E=' /=C' C QJ=C' .D CE%DF#W '
"' &=$1#' /=' E=21=' E2F#C=-' 2F' "% I "F1 %"' /=' 2 = I D=$=#$' C=$F 1'
E% I I #" N#.=' F#' DFD=' /F"C' 2=C' <%$ I =C' %$/ "F $=C-' =1' /F"C' 2='
EFC' %a' F' F "1=1.' / <<.$=$F 1' F#' /=2M' / #"' 1= I DC' /.1=$ I ".'
2 =WD./ 1 %"' /=C'K#22=C'D%"1 < EF2=C-' 2=C' I .1$%D%2 1F "C' $=CD=E1 <C'
C=$F ="1' "&=C1 C' /#' D%#&% $' / FEE%$/=$' F#W' C# =1C' "% I I .C'
2 "C1 1#1 %"' EF"%" N#=' -

! %#C' F %#1b I =C' N#=' 2=' E%"E 2=' "F1 %"F2-' N#' &="F 1' / .2$='
E%"&%N#.' M' 7F$ C-' C=$F 1' FDD=2.' M' /.2 K.$=$' C#$' 2=C' I %L="C' /='
D$.&=" $' 2=C' J$F&=C' "E%"&." ="1C' /=' 2F' 1$%D' 2%"J#=' &FEF"E='
/=C' .&YEO.C-' D# CN#=' 2F' 2=11$=' I Y I =' /=' F' F =C1.' "='E%"1="F 1'
DFC' / F#1$=C' I %1 <C' D%#$' CF' E%"&%EF1 %"' ' ' 2 =W= I D2=' /=C' / W+'
"=#<' .&YN#=C-' N#' .E$ &F ="1' M' F' F "1=1.' 2=' `' I F$C')*) -'
"%#C' 2F' E%" #$b I =C' d /%' "=' DFC' FKF"/%""=$' 2 J2 C=' /=' $F"E='
M' =22=+ I Y I =-' 5 ="' $=<#CF"1' / F/%D1=$' 2=C' I =C#$=C'E%"E 2 F1$ E=C'
N#=' "%#C' F& %"C' 2 O%""=#$' /=' 2#' D$%D%C=$' =1' /=' "=' DFC' 2F'
$./# $=-' DF$' C%"' $=<#C-' M' 2F' 1$ C1=' ".E=CC 1.' =1' M' 2 =W1$. I 1.

<bE2 D C=' /=' / CE#1=$' 2=C' I %L="C' /=' D%#$&% $' M' CM' D$%D$=' E%"+' C=$& 2 %"

' ; 5++5 K 57 +' 67+' 5' 467M6 +' 49+' 67+' 5 ; 48 O5 ' :5' 5 : 5' 7 :' 67M5 ' O6 ; ; 9K5' R' &67&5+' 5+' M5 &7+' <7 ' 9&& 5 &' R' 6& 5' +9 & 4J 5' 5' 4945' 5' 5+45 &' 5&' (9 ; 67 ' :5' &67+' 57='<7 ' 6 &' 5' N6 O57 ' :5' (944 6 O5 ' R' +9' 4 I&I' 4 6 6 :5' R' +6 ' 9 ; 67 ' 467 ' XK +5 ' R' +9' :67 57 ' 9 &I 9N 5 ' R' +9' 67 O9 &5' 9 9N &I

! %C' %KC=$&F1 %"C' =1' "%C' D$ Q$=C' <#$="1' E%"C1F I I ="1' FEE#= 20 2 =C' F&=E' K%"1. ' F' F "1=1.' "%#C' D=$ I =11F 1' 2F' / CE#CC %"' 2F' D2#C' 2 K$=' =1' "%#C' "=' E$%L%"C' DFC' N# 2' C% 1' ".E=CCF $=' /=' &%#C' / $=-' I =CC= J"=#$C-' N# =22=' <#1' 1%# %#$C' /=' "%1$=' DF$1' FEE% I 0 DFJ".=' /#' D2#C' D$%<%"/' $=CD=E1 ' 3F"C' 2=' E%#$C' /=' E=C' / CE#C0 C %"C' F I F C' 2=-' CF "1+DQ$=' "=' I 1' ="' F&F"1' /=C' D$ "E D=C' N# ' "=' D#CC="1' DFC' C=' E%"E 2 =$' F&=E' 2=C' D$ "E D=C' /=' 2 J2 C=' JF22 EF"=-' 1=2C' N# 2C' %"1' .1.' /.&=2%DD.C' DF$' 2 22#C1$=' %CC#=1' / F"C' 2F' I / .<="C=' /=' 2F' / .E2F$F1 %"' /=') *

' 2F ' &.$ 1.' 2=' DFD=' $=&=" / N#F 1' D%#$' 2=' CF "1+C QJ=-' =1' "%#C' .1 %"C' 2% "' /=' I .E%""FZ1$=' 2=' /$% 1' / . #J=$' C ' 2=' I %/=' N# "/ N#=$F 1' 2=' E%"E 2=' D%#$' $= I D2FE=$' 2F' "% I "F1 %"' I D.0 $ F2=' =1' 2=C' K#22=C' D%"1 < EF2=C' C=$F 1' E%"<%$ I =' F#W' $QJ2=C' =EE2.C FC1 N#=C-' F#W' EF"%"C' FDD$%#&.C' /F"C' 2 J2 C=' =1' M' #"=' CF "=' / CE D2 "= ' F C' F I F C' 2' "=' 2# ' =C1' &="#' /F"C' 2F' D="C.=' /=' E%"1=C1=$' M' #"=' J$F"/=' J2 C=-' $.#" =' ="' E%"E 2=-' 2=' /$% 1' /='D%#$&% $' =22=+ I Y I =-' F#' I % "C' DF$' /=C' $QJ2= I ="1C' D$%& C% $=C-' M' CF' D$%D$=' E%"C=$&F1 %"-' /F"C' 2=' EFC' / #"=' ".E=CC 1.' #$J="1= ' "< "' FD$QC' /=' 2%"J#=C' / CE#CC %"C-' =1' 2=WF I ="' /=' / &=$C' D2F"C-' N# ' 1%#C' 1="/F ="1' F#' I Y I =' K#1-' E=2# ' /=' D$.&=" $' 2F' 2%"J#=' &FEF"E=' /=C' .&YEO.C' =1' / FCC#$=$' DF$' /=C' I =C#$=C' < W=C' =1' $.J#2 Q$=C' 2F' C#EE=CC %"' /=' 2.D CE%DF1' <$F"PF C ' F' F "1=1.' /F J"F' F$$Y1=$-' /=' E%"E=$1' F&=E' "%#C-' 2=' D2F"' /%"1

@ , ' S' ,

&%#C F&=X 1%aC I =CC= J =#$C =#' E%""F CCF"E=- %2 N#=" "%#C % J"%"C F# D$.C=F2 $FDD%$1 ' 2 <#1 $./ J.' ="' N#=2N#=" C%$1=" { 4' 2F / E1.=' /#' CF "1+DQ$=- =1 "%#C =] I =C 2 O%""=#$ /=' 2#' C=$& $ /=' C.E$.1F $=C

3F"C 2F C% $.=' /#' ' I F - 2=' DFD=' ="' D$ 1 #"=' "%#&=22=" 2=E1#$=- =1 FD$QC N#=' "%#C L =] I =C <F 1- /=' E%"E=$1 F&=E 2# ' =1 ="' CF D$.C="E=- /=' 2.JQ$=C E%$$=E1 %"C ' F F "1=1.' "%#C /%""F 2 %$/$=' /=' 2# ' ="' D$.C="1=$ #"=' E%D =' I C=' F#' "=1- E=' N#=' "%#C =W.E#1b I =C 2=' 2="/= I F "')B

F F "1=1.' /F J"F' 2F $=E=&% $ /=' "%C I F "C- 2F $=2#1 ="E%$=' F&=E #"=' F11="1 %"' I F$N#.=- "%#C D=$ I 1 / ="' $= I D%$1=$ #"' ' /#D2 EF1F' N#=' "%#C 2# ' D$.C="1b I =C- =1 "%#C D$% I 1 /=' JF$/=$ E=2# ' N#=' "%#C D$=" %"C 2F 2 K=$1.' /=' 2# ' 2F CC=$- E% I I =' #"' 1. I % J"FJ=C F<<=E1#=#W /=' CF K ="&= 22F"E=- =1 2 FCC#$F"E=' /=' C=C &n#W DF1=$"=2C D%#$' "%1$=' O=#$=#W $=1%#$

=' C% $ I Y I =' F F "1=1.' "%#C ="&%LF 2F $.D%"C=' N#=22=' <F CF 1 M =$ J EF$/ "F2 =CEO- =1 /%"1 =22=' F&F 1 =# 2F K%"1.' /=' "%#C 2 $=' 2F I "#1=

3F"C E=21=' $.D%"C=- I =CC= J"=#$C- /%"1 ' ' ' F K ="' &%#2 "%#C $=2 $=' 2 F$1 E2=' N# ' "%#C E%"E=$"F 1 ' F F "1=1.' /F J"F' 2# ' =WD$ I =$ 2F CF1 C<FE1 %"' N# =22=' F =#=' /=' 1%#1=' "%1$=' E%"/# 1=' =1 E =C1 M "%#C N# =22=' 2F $="&% =' =WD$=CC. I =" 1 D%#$ FDD$="/$=' 2=' $.C#21F1 /=' "%C E%"<.$="E=C ' !%#C 1$F"CE$ &%"C E ' 2=C /=#W DFFJFDO=C /=' 2F 2=11$=' /=' F F "1=1.' N# ' "%#C E%"E=$"="1 i

d !%' FKK F I %' FEE% 1 ' ' /=D#1F1 -' =' 2=' 2%$%' $=D2 EF1=' D$%0 1=C1=- =' 2=' $ CD=11%C.' I F" .$.' E%"' E# ' E ' OF""%' DF$2F1%- OF""%' FEE$=CE "1%' 2F C1 I F' EO.' =22F' E ' F&=&F' <F11%' E%"E=D $=' /=2 2%$%

D 7 9 ' :4 ;

7"()&)(" EO.' ' + +-)' D$=2F1 -' □ □□* □ □

H '" E ' <F" "%' CD=F=' EO.' 1#11%' D%1$M' E%"E 2 F$C -' 2F' < /"EE F' EO.' FKK F I %' "' 3 %' E ' F" I F' M' E%"E=D $=' .JF2' E%"< /="XF' EO.' 2F' / ' 2# ' I C=$ E%$/ F' &%J2 F' FD$ $E ' 2F' 1$F/F' F/' #"F' C1FK 2=' E%"E%$/ F-' =1E -' =1E

I' F&%"F-')B I F%)*H'

=22=' F' .1.-' I =CC= J"=#$C-' 2 CC#=' /=' 2F' /.D#1F1 %"' /=C' .&cN#=C' ="&%L.C' M' F&%"=-' =1' /%"1' "%#C' F&%"C' E$#' /=&% $' $.C=$&=$' 2=C' /.1F 2C' D2#C' E $E%"C1F"E .C-' D%#$' 2 %#&=$1#$=' /=' 2F' IC.F"E=' %a' &%#C' E% I I ="E=$ =X' M' / CE#1=$' 2=' D$ "E DF2' %K =1' /=' 2F' E%"&%EF1 %"' /#' E%"E 2=' "F1 %"F2

1' 2F' 1="=#$' /=' 2F' "%1=' $./ J.=' DF$' %$/$=' =1' ='" D$.C="E=' /=' ' -' =1' FEE=D0 1.=' DF$' =22=

d F' F "1=1.' D$="F"1'="' E%"C /.$F1 %"' 2F' C 1#F1 %"-' 2=C' K=C% "C' =1' 2=C' &n#W' /=C' J2 C=C' /=' $F"E=' =1' / 1F2 =-' N#' 2#' %"1' .1.' ID$.C="1.C' DF$' 2 F$EO=&cN#=' /=' %#$C' =1' 2=C'.&YN#=C'/=' $Y&=C-' /=' ! F"1=C' =1' /=' F="XF-' =1' &%#2F"1' /%""=$' M' E=C' J2 C=C'#"=' "%#&=22=' D$=#&=' /=' C%"' F<<=E1 %"' DF1=$"=22=-' F' /.E2F$.' F#W' F$EKF+' &QN#=' =1' .&YN#=C' C#C/ 1C' i

d)K' 8# =22=' FEE%$/=$F 1' 2 "C1 1#1 %"' EF"%" N#=' F#W' C# =1C' "% I I .C' DF$' F' F =C1.' I D.$ F2=' =1' %LF2=-' /F"C' 2=C' <%$ I =C' E%"&="#=C' M' 2.D%N#=' /=C' E%"E%$/F1C' /=' $F"E=' =1' /#' $%LF# I =' / 1F2 =

F' F "1=1.' C=' D$Y1=$F' M' .1=" /$=' 2=C' I Y I =C' / CD%C 1 %"C' F#W' J2 C=C' /=' 2F' %CEF"=-' /=' 7F$ I =' =1' /=' 72F CF"E=' DF$' #"' "%#&=F#' E%"E%$/F1

d j' F' F "1=1.' E%"C="1' m# 2' C% 1' "C.$.' /F"C' 2=C' E%"E%$0 /F1C' #"=' E2F#C=' DF$' 2FN#=22=' =22=' C ="JFJ=' M' <F $=' =WD./ =$' /=C' K#22=C' / "C1 1#1 %"' F#W' .&YN#=C' "% I I .C' DF$' F' F =C1.' /F"C' #"' 1= I DC' /.1=$ I ".-' N#=' F' F "1=1.' =C1 I =' "=' D%#&% $' Y1$=

Y ' S ' W d)

I % " / $=' / =' C W' I % CS' =1' / F " C' 2=' EFC' %a' =22=' / << . $=$F 1' D2#C' / =' C W' I % C-' D%#$' / F#1$=C' $F C%" C' N#=' 2 " / J " 1 . ' D=$C%" " =22=' / =C' C# =1C-' =22=' " &=C1 1' / #' D%#&% $' / =' / %" " =$' =" ' C%" ' " % I ' 2=C' K#22=C-' FD$QC' 2=C' C W' I % C' =WD $. C-' 2=' I . 1$%D%2 1F " ' / =' 2 J2 C=' &FEF " 1=-' =1' M' C%" ' / . <F#1' 2=' D2#C' F " E =" ' . &cN#%' / =' 2F+ $%& " E=' =EE2 . C FC1 N#=

d ,k' F' F " 1=1 . ' " . ' C=' / . 1=$ I " =' M' E=C' E%" E=CC %" C' N#=' / F " C' 2 =CD . $F " E=' N#=' 2# ' %" 1' <F 1' E%" E=&% $' 2=C' =" 1$=1 =" C' N# =22=' F' =#C' F&=E' 2=C' . &YN#=C' / . D#1 . C-' N# =22=C' D$. DF$=$%" 1' 2=C' &% =C' M' / =C' F$$F " J= I =" 1C' N# ' $. 1FK2 CC=" 1' 2 %$ / $=' =1' 2F' DF W' / =' 2 J2 C=-' =1' N# ' $=" / =" 1' F#' CF " 1+C QJ=' 2F' 2 K=$1 . -' 2 " / . D=" / F " E=' =1' 2F' / J " 1 . ' N# ' 2# ' E%" & =" " =" 1 ' 5

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(' K J ' ' ' ' (
' 7 ' ! ! 4 ' 3 ' 4 -' ; 84
/ %' L : / ' o ' ' # #

7F$ C-' ' " "-' m ' %#$C' C# &F " 1C-'
#CN# F#' ' # 22=1' 22

%#&=$1#$=' / #' E%" E 2=' =#1' 2 =#' 2=') \' # " ') * -' =1' <#1' / CC%#C' 2=') ' # 22=1' / =' 2F' I Y I =' F " " . = ' 2' F&F 1' . 1 . ' D$. E . / . ' DF$' D2#C =#$C' E%" <. $=" E=C' D$. DF$F1% $=C' =1' $. J2= I =" 1F $=C ' : J " %$=' E=' N# ' C =C1' DFCC . ' F#W' D$. E . / =" 1=C' $ 2F' D$= I Q$=' M' 2FN#=22=' FCC C1F ' =#1' 2 =#' 2=' CF I =/ ' *' # " -' 1$= X=' %#$C' FD$QC' I %" ' F$$ & . = ' %" ' I "=" E=' 2=' EF$/ " F2' =CEO' L ' <#1' " % I I . ' D$. C / =" 1 ' 2' L ' <#1' N#=C1 %" ' / #' CE=F#' N#=' 2=' E%" E 2=' / =&F 1' FDD%C=$' M' C=C' FE1=C ' =' $FDD%$1=#$' D$%D%CF' #" =' E$% W' =" 1%#$. =' / =' $FL%" C-' C#$' #" ' EOF I D' D2= " ' / FK= 22=C ' 7=$C%" " =' " L' < 1

P+ 2 ' :_ : ;

F12="2 %"-' =1-' 2=' &%LF"1-' =' / C' M' I =CC= J"=#$C' Nq =' 2=C' &.$ 1F0
K2=C' F$ I =C' / #"' E%"E 2=' .1F ="1' 2F' E$% W' /=' ! %1$=+ = J"=#$'
:.C#C+ O$ C1-' =1' =' D$%D%CF ' N# %"' 2F' D$ 1' C=#2=' D%#$' I F$N#=$'
=1' E%"C J"=$' 2=C' /.E$=1C' /#' E%"E 2= ' =' $FDD%$1=#$' %KC=$&F' N#='
2=' E2=$J.' /=' $F"E=' F&F 1' D%#$' CE=F#-' /F"C' C=C' FCC= I K2.=C-'
#"=' E$% W' M' EOFN#=' K$FC' /=' 2FN#=22=' 2' L' F&F 1' #"=' <2=#$' /=' 2 C '
:=' $=D$ C' N# ="' E=2F' =' " FDD$%#&F C' DFC' 2=' E2=$J.-' N# ' F#$F 1'
/]' C=' K%$"=$' F#' C J"=' F#J#C1=' /=' "%1$=' $./= I D1 %" ' =' $FD0
D%$1=#$' FDD#LF' I %"' F& +-' K=F#E%#D' / .&YN#=C' I FDD$%#&Q$="1-'
=1' E=D="/F"1-' I F' D$%D%C 1 %"' "=' <#1' DFC' C# & =
2 = = □! □□I 3 □ 6 ' =' $FDD%$1=#$' L' D$%D%CF'
/ F&% $' /=C' 1$F/#E1=#$C' ="' 1F2 ="-' D%#$' 2=C' D QE=C-' / CE%#$C-'
E 1F1 %"C' N# %"' <=$F 1' ="' <$F"PF C-' F11="/#' N#=' D2#C =#$C'
.&YN#=C' /#' $%LF# I =' / 1F2 =' " ="1="/F ="1' DFC' E=11=' 2F"J#= '
=' $FDD%$1=#$' F %#1F' N#=' DF$ I ' E=C' 1$F/#E1=#$C' 2' D%#$$F 1' L'
F&% $' /=C' 2FVN#=C ' <' 2=' EF$/ "F2' =CEO' C L' %DD%CF' =1' %KC=$&F'
1$QC+ #/ E =#C= I ="1' N#=' E=' N# ' C=' DFCCF 1' /F"C' 2=' E%"E 2='
/=&F 1' Y1$=' E%"E="1$.' ="1$=' 2=C' .&YN#=C' =1' 2=C' =EE2.C FC1 N#=C'
L' F/ I C' =1' N#=' CF"C' D= "=' %"' 1$%#&=$F 1' /=C' D$Y1$=C' 1$F/#E0
1=#$C ' =' $FDD%$1=#$' "C C1FS' C%"' I "="E=' "=' $.D%"/F"1' DFC'
/=' C# 1=-' =' C%#1 "C' C%"' F& C' =1' I %"1$F ' 2 "E%"&="F"E=' =1'
I Y I =' 2=' /F"J=$' / F/ I =11$=' /=C' 2FVN#=C' M' E=11=' <%"E1 %"-' 2=' / C'
/=#W' %#' 1$% C' DO$FC=C' E2F $=C' =1' <%$1=C' N# ' F$$Y1Q$="1' 2=' $FDD%$0
1=#$-' =1' 2=C' 2FVN#=C' <#$="1' =WE2#C' /=' 2F' 1$F/#E1 %"' /#' E%"E 2=
"' FJ 1F' 2F' N#=C1 %"-' C ' 2 ="1$.=' F#' E%"E 2=' C=$F 1' FEE%$/.='
M' 1%#1' 2=' I %"/=' i' %"' L' 1$%#&F' /=' J$F"/C' "E%"&." ="1C-' 2C'
.1F ="1' $.=2C ' "' D$ 1' #"' I %/=' N# ' E%"E 2 F 1' #"=' C#<< CF"1='
D#K2 E 1.' F&=E' 2 %$/$=' =1' 2F' /.E="E=' M' E%"C=$&=$' /F"C' ["' FE1='
F#CC ' C%2=""=2' N#=' 2=' E% I I ="E= I ="1' / #"' E%"E 2=
2' <#1' /.E /.' N#=' 2=C' .&YN#=C' "% I I .C' =1' "%"' CFE$.C' FCC C1=0
$F ="1' F#W' E%"J$.JF1 %"C' J.".$F2=C' =1' DF 1 E#2 Q$=C' /#' E%"E 2=

F&=E' &% m' E:"C#21F1 &=' C%#2= I ="2' $ 2' " ="' D%#&F 1' Y1$=' F#1$=0
I ="1' D%#$' /=' C I D2=C' D$Y1$=C

"' / . E /F' N# 2' L' F#$F 1' #"' D$% I %1=#$-' /%C' C=E$.1F $=C-' /=C'
K#$=F#W-' %a' N#=2N#=C' I = I K$=C' <=$F ="1' 2=' 1$F&F 2' D$. DF$F0
1% $=' $ N#=' 2=C' E%"J$. JF1 %"C' J." . $F2=C' $.#" $F ="1' <%#C' 2=C'
.&YN#=C' /#' E%"E 2=-' N#=' 2M' C=$F ="1' D%$1. C' 2=C' /. E$=1CS' N#='
2 %#&=$1#$=' =1' 2F' %2c2#$=' /#' E%"E 2=' C=$F ="1' D#K2 N#=CS' N#=-'
D%#$' 2=C' C=CC %"C' "1=$ I . / F $=C-' 2' C=$F 1' C1F1#.' M' E=1' . JF$/'
/F"C' 2=' E%"E 2=' I Y I = C#$' 2=' I %/=' =1' 2=' /=J$.' /=' D#K2 E 1.' M'
2=#$' /%""=$S' N# M' EOFN#=' C=CC %"' 2.' C=E$.1F $=' /#' E%"E 2=' 2 $F 1'
2=' /. E$=1' %#' 2=C' /. E$=1C' /F"C' 2F' EOF $=' /=' 2 . J2 C=' I .1$%D%2 0
1F "=' /=' ! %1$=+3 F I =' /=' 7F$ C-' F#' 2%EF2' = :' N# F "C ' 2=C'
C=CC %"C' C=' 1 ="/$F ="1' /F"C' 2 . J2 C=-' 1F"/ C' N#=' 2=C' E%"J$. JF0
1 %"C' J." . $F2=C' =1' DF$1 E#2 Q$=C' C=' 1 ="/$F ="1' /F"C' 2=C' CF22=C'
= '" M' 2 F$EO=&YEO.

. &YN#=' /=' 3 J"=' /= I F"/F' N#=' 2=C' . &YN#=C' /#' EOFD 1$='
/=' F "1+3 =" C' D#CC="1' FCC 1=$' M' 2 %#&=$1#$=' /#' E%"E 2= ' "' L'
1$%#&F' /=C' "E%"&." ="1C-' =1' 2 %"' C1F1#F' N#=' 2=C' C=#2C' EF$/ "F#W-'
F$EO=&YN#=C' =1' . &YN#=C' /#' E%"E 2=' FCC C1=$F ="1' M' 2F' E. $. I %" ='
/=' E%"&%EF1 %"-' $QJ2= I ="1' CFJ=-' EF$-' C%#C' D$. 1=W1=' /=C' . &YN#=C'
/=' F "1+3 =" C-' %"' E$#1' &% $' 2%' D QJ=' / F/ I =11$=' 2=C' E%"C1 1#0
1 %""=2C' /. D2FE. C ' #$' 2F' I F %$ 1.' /=C' &% W' $=N# C=C' D%#$' D%$1=$'
#"' / . E$=1-' 2' F&F 1' . 1.' D$%D%C.' /%' C=' E%"1="1=$' /=' 2F' I F %$ 1.'
FKC%2#= ' > (' /=' %"1D=22 =$' C L' %DD%CF-' 2' < 1' C="1 $' 2=' /F"J=$'
/ #"=' D$%D%C 1 %"' N# ' <=$F 1' /. D="/$=' /=' /=#W' &% W' 2F' I F %0
$ 1.' =1' 2F' I "%$ 1. ' 2' <#1' FDD$%#&. -' FDD#L. -' =1' E=11=' N#=C1 %"'
<#1' $= I C=' M' Y1$=' 1$F 1. =' /F"C' 2=' E%"E 2=' I c I =

C' /=' 7$F/1' D$%D%CF' 1$QC+CFJ= I ="1' N#=-' &#' 2 I D%$1F"E='
/=C' F<<F $=C' N# ' D%#$$%"1' C%' 1$F 1=$' F#' E%"E 2=-' EOFN#=' F<<F $='
/=' E=11=' "F1#$=' <]1' E%"< .=-' D%#$' 2 .1#/ =$' =1' 2F' I]$ $-' M' EOFE#"'
/=C' K#$=F#W ' 7$%D%C 1 %"' =WE=22="1=-' d EF$-' F %#1F+1+ 2-' ="' N#=C+

' @:

2 %"C' C ' J$F&=C' "%#C' "=' CF#$ %"C' "%#C'="1%#$=$- /=' 1$%D' /=' 2# I Q$=CS' 5'=1' N# ="C# 1=' $FDD%$1' J."$F2' /=' 2 F<<F $=' =WF I ".=' =1' / CE#1.=' DF$' EOFN#=' K#$=F#' C=$F 1' <F 1' M' 2F' E%"J$.JF1 %"' J."$F2=' =' /=' 8# I D=$' / 1'N# F#W' FCC= I K2.=C' /#' E2=$J.-' #"' C=#2' K#$=F#' .1F 1' EOF$J.' /=' EOFN#=' F<<F $=-' N#=' 2F' E%#1# I =' .1F 1' /%"E'.1FK2 =S' N#=' 2=' I %/=' /=' > (/=' 7$F/1' ="1$FZ"=$F 1' 1$%D' /=' 2%"J#=#$' d' /=' OF I K.$L' 2# ' $=DF$1 1' & &= I ="1' =1' /%E1= I ="1' N#=' 2=C' FCC= I K2.=C' /#' E2=$J.' " .1F ="1' DFC' /=C' E%"0 E 2=C-' N# =22=C' F&F ="1' D%#$' %K =1' / $=E1' =1' D$ "E DF2' 2QC' F<<F $=C' 1= I D%$=22=CS' N# F#' E%"E 2=' "F1 %"F2-' F#' E%"1$F $=-' 2' C FJ $F 1' "%"' /#' 1= I D%$=2-' I F C' /#' CD $ 1#=2' =1' D$%KFK2= I ="1' /=' N#=C0 1 %"C' I F =#$=CS' N# F "C ' 2 F& C' =1' $FDD%$1' / #"' C=#2' K#$=F#' "=' C#<< CF 1' DFC-' =1' N#=' 2 =W= I D2=' /=C' FCC= I K2.=C' /#' E2=$J.' "=' D$%#&F 1' $ ="S' /%"E-' 2' <F22F 1-' C=2%"' 2# -' F/%D1=$' 2 F& C' /=' =' /=' 7$F/1' =' EF$/ "F2' =CEO' %#&$ 1' #"' C="1 I ="1' N# ' <#1' F/%D1.-' CF&% $' i' N#=-' 2%$CN#=' 2=' K#$=F#' EOF$J.' /%' 1=2' 1$F&F 2' 2 F#$F 1' <F 1-' 2' 2 ="&=$$F 1' F#W' F#1$=C' K#$=F#W-' D%#$' D$="/$=' 2=#$' F& C-' =1' F&F"1' /=' <F $=' 2=' $FDD%$1' O' 2F' E%"J$.JF1 %"' J."$F2=' =11=' /.=' DF$#1' E%"C=$&=$' E=' N# 2' L' F&F 1' /=' K%"' /F"C' 2 F& C' /=' R' /=' 7$F/1-' =1' D$.&=" $' 2=C' 2="1=#$C' N#=' E$F J"F 1' d' /=' 8# I D=$' =' EF$/ "F2' D$.C /="1' &%#2F 1' I =11$=' 2F' N#=C1 %"' F#W' &% WS' =' 2# ' %KC=$&F ' N]=' C%"' F& C' I =' C= I K2F 1' F&% $' 2=C' F&F"1FJ=C' /=C' /=#W' %DD%C.C-' N# F "C ' 2' " .1F 1' D% "1' ".=CCF $=' / F22%"J=$' #"=' / CE#CC %"' /. M' 2%"J#=' FCC= I K2.=' FDD$%#&F' 2 /.=' =1' 2' <#1' C1F1#.' F "C

:=' KF2F"PF C' O' $FDD=2=$' E=' N# ' C=' DFCCF' M' #"=' C.F"E=' D$.E.0 /="1=-' I F C' 2' <F#1' 1%#1' / $=' 8#F"/' 2' C FJ 1' / .2 $=' #"' D$.C 0 /="1-' 2 FCC= I K2.=' &%2F' DF$' FEE2F I F1 %"C' <<' 2=' EF$/ "F2' E CEO' #1$=' C%"' I .$ 1=' D=$C%""=2-' C%"' XQ2=' D%#$' 2F' $=2 J %"-' =1' C%"' F&F"1FJ=' /=' C 1#F1 %"' & C+M+& C' /=' 2 = I D=$=#$-' 2' "%#C' 2 F#$F 1' /%"".' D%#$' D$.C /="1' C' "%#C' "=' 2 =#CC %"C' DFC' .2#S' =1' E=$1=C

/ #$F 1' / =D# C' 1$% C' O=#$=C' ="1 Q$=C-' =22=' D%#&F 1' Y1$=' "1=$ I 0 "FK2= ' =' EF$/ "F2' &%#2#1' N# %"' F22b1' F#W' &% W$' /=#W' F$EO=0 &YN#=C-' 2 #"' /=m' $F"E=-' 2 F#1$=' / 1F2 =-' <#$="1' EOF$J.C' /=' $=E#= 22 $' 2=C' C#<<$FJ=C ' ! %#C' "=' /%#1 %"C' DFC' N# 2C' "=' <#CC="1' E%"<%$ I =C' M' 2 FEE2F I F1 %"-' E =C1+M+/ $=' D%#$' 2 .2=E1 %"' /#' D$.0 C /="1 ' '"%1$=' J$F"/ ' .1%""= I ="1-' 2' " ="' <#1' DFC' F "C -' =1' 2F' I F %$ 1.' /=C' C#<<$FJ=C' $=E#= 22 C' <#$="1' D%#$' 2 F"1 N# 1.' /#' C QJ=' 8#F"1' M' I %' =1' F#1$=C-' "%#C' F&%"C' &%1.' D%#$' 2 .2=E1 %"' =1' "%"' D%#$' 2 F"1 N# 1.' /=' 2 J2 C=' > (' /=' OF I K.$L-' =WE./.' /=' 2F' 2%"J#=#$'=1' /#' /.D2FE.' / #"=' / CE#CC %"' DF$= 22=-' C .E$ F' I d ' 2 %"' D$%EQ/=' DF$' 2 .E2F1' /#' C QJ=-' E% I I =' .&YN#=' /=' OF I 0 K.$L-' =' C# C' D$ "E=' /=' ="Q&=' $ J CF 22 =' N# ' < 1' K=F#E%#D' $ $=' #' $=C1=-' C ' 2 FCC= I K2.=' E./F-' E=' <#1' m $ E =' N#=' " .1F"1' DFC' E%"C1 1#.=' ="' E%"E 2=-' 2' C FJ CCF 1' / #"' D$.C /="1' D$%& C% $=' =1' "%"' DFC' < W=

"' .1F 1' E%"&="#' / #"' D$%J$F I I =' 1F"1' D%#$' 2F' I F" Q$=' /%"1' 2=C' EO%C=C' /=&F ="1' C=' DFCC=$' =1' 2=C' F<<F $=C' C=' 1$F 1=$' /F"C' 2=' E%"E 2=-' N#=' C#$ ¯ ! ¯ □ □ ¯ □ □ (' =' /=$" =$' F$1 E2=' <#1' 1 $.' /#' E%"E 2=' /=' $="1=-' =1' K=F#E%#D' F#CC ' /=' E=2# ' / I K$#"m' 2=' /=$" =$' E%"E 2=' D$%& "E F2' N# ' F&F 1' .1.' 1="#' ="' $F"E=' =11=' $./FE1 %"' "=' <#1' ="&%L.=' N#=' 1$QC+' 1F$/' F#W' .&YN#=C-' 2=' / I F"EO=' &= 22=' /#')\-' %#$' / %#&=$1#$=' /#' E%"E 2=

7="/F"1' E=11=' E.$. I %" =' K=22=-' F#J#C1=-' I D%CF"1=-' N#' <$FDDF' / F/ I $F1 %"' 2=C' "% I K$=#W' CD=E1F1=#$C-' N#=2N# #"' I =' < 1' $= I F$N# $' E=C' DF$%2=C$' ¯O E K ¯ ! □ □ ¯ ¯ ! □ ¯ □ ¯ □! (' 5 =C'.&YN#=C' / 1F2 =' N#' .1F ="1' F#D$QC' /=' I %' .1F ="1' I .E%"1="1C-' =1' I %' .JF2= I ="1-' / #"=' $./FE1 %"' N#' C= I K2F 1' "/ N#=$' N#=' 2=C' D$.E=D1=C' /#' = J"=#$' "=' D%#&F ="1R' DFC' C FEE% I D2 $' # ¯ ' N#' <$ C=' 2 O.$.C =' F"C." ="="=' 2' =C1' &$F' N#=' E=C' DF$%2=C' C=' 1$%#&="1' /F"C' 2=

E%"E 2=' /=' $="1=-' I F C' FD$QC' 2=C' O.$.C =C-' =1' E=22=' /=' :F"C.+'
" #C'=C1' D%C1.$ =#$=' M' E=' E%"E 2=' $ 2 J2 C=' D$.E C=' 2F' /%E1$ "='
F&=E' D2#C' / F11="1 %" ' 3%"E' d' /=' ! F"1=C' <F CF"1' 2=C' <%"E1 %"C'
/=' C=E$.1F $=' D$%& C% $=-' FD$QC' F&% $' 2#' 2=' /.E$=1' ¯ ! ¯
□ □□¯ □ □ "' .1F"1' &="#' /= I F"/=$'M' EOFE#"' /=C' 7Q$=C' Ì
d 0 ¯ ! ' 5 =' 2 F$$Y1F ' =1' =' 2# ' / C' N# 7' <F22F 1'
c1=$' /=' E=' /.E$=1' 1"' P#F" # I ' □ ¯ □ '¯ □ E/¯
¯ !□ □ ¯ # ¯ ¯□ ' (□ ¯ □! □¯ □ ¯¯ :
F#1$= I ="1' □ ¯ ¯6 □□¯ !¯ ! □'¯ ¯
¯ □ ¯ ¯) □¯ ¯ ¯□! □#□/
□ (5 %"C= J"=#$' < 1' 2 .1%""." =1' I =' $.D%"/ 1' =' "=' CF C' N#% '
="' I F$ I %11F"1 ' =C' &% C "C' / 1F2 =' =1' 2=C' D$Y1$=C' N# ' "%#C' ="0
1%#$F ="1' <#$="1' E%"1="1C' /=' I %"' %KC=$&F1 %" ' > (/=' %$0
/=F#W-' M' 2F' /= I F"/=' /#' C=E$.1F $=' Í GO ¯ □ □ ¯ ¯
□ !DJ' $.D%"/ 1' Í G¯ ¯ # □ □¯ #□ ¯ ! ! ¯
0 □ □ □¯ ¯ ¯ ¯3 (' 5 C' /=' ! F I #$' %KC=$&F'
C#$' 2=' I c I =' %K =1' N#=' E .1F 1' =" ' E%"J$.JF1 %"' J."$F2=' =1' "%"'
="' %#&=$1#$=' /#' E%"E 2=' N# %"' /=&F 1' /= I F"/=$' C 7' D2F CF 1'
F#W' 7Q$=C' N# 7' <]1' E% I I ="E. ' .<2=W %"' .& /="1=' M' 2FN#=22=' 2='
! F"1F C' "=' $.D%"/ 1' $ ="

C' /=' $%L=C' < 1' 2=' / CE%#$C ' D$QC' #"' =W%$/=' FCC=X' K=F#'
C#$' 2=C' E$F "1=C-' 2=C' =CD.$F"E=C-' 2F' I #21 1#/=' /=' C="1 I ="1C'
/ &=$C' N# #"' .&YN#=' .D$%#&F 1' M' 2F' &#=' / #"=' FCC= I K2.=' C'
22#C1$=S' FD$QC' #"' C%#&=" $' /=C' 1= I DC' %$FJ=#W' N# ' 2 F&F ="1'
D$.E./.=-' =1' /=C' %$FJ=C' FE1#=2C' N# ' J$%"/F ="1' C#$'"%C' 1Q1=C' $
FD$QC' #"' K=7' .2%J=' /=C' J2 C=C' /=' $F"E=' =1' / 1F2 =-' =1' #"='
/.E2F$F1 %"' I %/=C1=' N#=-' 2% "' /=' /%""=$' /=C' 2=P%"C' M' C=C'
I FZ1$=C-' 7' C=$F 1' O=#$=#W' /=' 2=C' C# &$=' =1' /=' 2=C' 1 1=$-' 7'
/ & CF' C%"' / CE%#$C' ="' I %"1$F"1' N#=' 2F' $=2 J %"' EF1O%2 N#=-'
DF$' C=C' I FW I =C-' C%"' E#21=' =1' C%"' I " C1Q$=-' .1F 1' 2=' D2#C'
" J$F"/' K ="<F 1' /=' 3 =#-' 2=' D2#C' <=$ I =' FDD#' /=C' $% C' =1' 2F

C=#2=' KFC=' C%2 /=' /#' K%"O=#$' I c I =' ="' E=' I %" /= ' 2' < " 1' DF$' #"=' D.$%$F C%"' "%K2=' =1' 1%#EOF"2=' C#$' 2 F11FEO= I ="1' I I #FK2=' N#=' 2 .D CE%DF1' /=&F 1' F&% $' =1' F#$F 1' D%#$' 2 J2 C=' $% I F "=-' D%#$' 2=' EO=<' /=' 2 J2 C= ' %"C= J"=#$' < 1' /=' %CC#=1' #"=' .2%J=' FCC=X' K=F#-' I F C' 1$%D' 2%"J' =1' D=#' D2FP.' /F"C' #"' E%"E 2=' I % 1 .' E% I D%C.' / .&YN#=C' / 1F2 =-' N# ' K2b I ="1' %CC#=1' C#$' 2=C' N#F1$=' F$1 E2=C' /#' E2=$J.' /=' $F"E= ' %$F1=#$' / 1' ="E%$=' N#=' 2=C' /=#W' J2 C=C' C=' $.#" CCF ="1' D%#$' .D%#C=$' ="' N#=2N#=' C%$2=' 2=C' I Y I =C' 2 K=$1.C ' "' "=' D=#1' I D#1=$' M' 2 %$F1=#$' 1%#1' E=' / CE%#$C-' EF$' 2' F&F 1' .1.' ="&%L.' M' #"' 22#C1$=' E="C=#$' N# ' L' F&F 1' <F 1' F/ / 1 %"-' E%$$=E1 %"-' C%#C1$FE1 %"-' %K2 JF1 %"' [' 2FN#=22=' =' I =' C# C' $=<#C.' 1%#1' 2=' 1= I DC' /=' I %"' .D CE%DF1

F' D$= I Q$=' E%"J$.JF1 %"' J."$F2=' F&F 1' .1.' "/ N#.=' D%#$' 2=' I .ZE$=/ ')B' # "-' M' / W' O=#$=C' /#' I F2 " ' =C' .&YN#=C' C L' $="/ $="1' S 2=' EF$/ "F2' =CEO' .1F 1' F22.' M' F "1+ 2%#/ ' ;=$C' I / ' %"' E.2.K$F' 2F' CF "1=' I =CC=-' M' 2F' < "' /=' 2FN#=22=' 2=' EF$/ 0 "F2' F#$L' / 1' M' 2 FCC= I K2.=' Í d' =CC= J"=#$C-' %"' I "="E=' > 0(2=' EF$/ "F2' =CEO' I F' .E$ 1' N#=-' $=1="#' M' F "1+<E2%#/' D%#$' F2<F $=C-' =1' "=' CFEOF"1' M' N#=22=' O=#$=' =22=C' < " $%"1-' 2' " L' F#$F' DFC' /%' E%"J$.JF1 %"' F# %#$/ O# ' =CC= J"=#$C' C=$%"1' F&=$1 C' /#' %#$' %a' 2F' D$= I Q$=' E%"J$.JF1 %"' F#$F' 2 =#-' J

=' =#/ ' ' # "-' 2F' D$= I Q$=' E%"J$.JF1 %"' J."$F2=' =#1' 2 =#' 22=' E% I I ="PF' DF$' 2F' 2=E1#$=' / #"' / .E$=1' I D.$ F2' /=' 2F' &= 22=' F' F =C1.' L' FJ$.F 1' D%#$' D$.C /="1' /#' E%"E 2=' 2=' EF$/ "F2' =CEO-' N# 2' F&F 1-' / CF 1+ 2-' D%$1.' b' 2F' D$.C /="E=' 2' /= I F"/F 1' N# 2' L' =] 1' #"=' E% I I CC %"' 1 $.=' /#' C= "' /#' E%"E 2=' =1' EOF$J.=' /=' 2F' D%2 E=' "1.$ =#$=' /=' 2 FCC= I K2.= ' =' I %1 □ ' /.D2#1' F#W' 7Q$=C' =1' > 0' /=' %#$C' =WD$ I F' 2=' &n#' /=' 1%#C' ="' /= I F"0 /F"1' N#=' E=11=' E% I I CC %"' <]1' "% I I .=' d' /=' 2 F/ I " C1$F1 %"' "1.$ =#$=' 5))' <#1' D$%E./.' DF$' &% =' /=' CE$#1 "' M' 2F' "% I "F1 %"' /=C' 1$% C' I = I K$=C' /%"1' =22=' C=$F 1' E% I D%C.= ' =C' E% I I CCF $=C

/=' F' F =C1.' <#$="1' 2=' I " C1$=' /=C' E#21=C' /=' $F"E=' =1' 2=' I " C1$=' /=C' E#21=C' /#' $%LF# I =' / 1F2 =

"C# 1=' 2=' D$.C /="1' 1$F 1F' /=' 2F' "% I "F1 %"' /#' C=E$.1F $=' =1' /=C' D$% I %1=#$C ' =' /=' %#$C' D$%D%CF' N#=' 2=' E%"E 2=' E%"C=$&b1' D%#$' C=E$.1F $=C' <$F"PF C' 2=C' /=#W' D$%& C% $= I ="1' EO% C C' DF$' %"' I b."E=' D%#$' 2F' E.$.1 %" =' / %#&=$1#$=-' CF&% $' 2=C' .&YN#=C' /=' 8# I D=$'=1' /=' ! F"1=C ' :=' E% I KF11 C' E=11=' D$%D%C 1 %"-' =1-' FD$QC' N#=2N#=C' DO$FC=C' / .2%J=C' /=C' &=$1#C-' 1F2="1C' =1' 2# I Q$=C' /=' I =CC= J"=#$C-' %KC=$&F ' N#=' 2F' "% I 0 "F1 %"' /=' C=E$.1F $=C' .1F 1' #"'%K =1' /=' OF#1=' I D%$1F"E=-' =1' N#=' 2=' E%"E 2=' /=&F 1' F&% $' M' E=1' .JF$/' 2F' D2#C' ="1 Q$=' 2 K=$1.-' N# ="' E%"C.N#="E=' =' /= I F"/F C' M' C' 2=' D$.C /="1' /=' D$="/$=' 2=' &n#' /=' 2 FCC= I K2.=' .D$=#&=' =1' 2F' E%"1$=+.D$=#&=' <#$="1' #"F" I =C' D%#$' 2F' $..2=E1 %"' /=' "%#&=F#W' C=E$.1F $=C ' =U' /=' 8# I D=$'=1' /=' ! F"1=C-' N# ' C .1F ="1' "C1F22.C' F#' K#$=F#-' <#$="1' F "C ' $= =1.C' /=' E=11=' <%"E1 %"

%C' CE$#1 "C =""#L=#W' M' I %#$ $-' I F C' ".E=CCF $=C' D%#$' 2F' 2 K=$1.' /=C' .2=E1 %"C-' 1 "$="1'F&=E' E=2# ' /=C' D$% I %1=#$C' #"' 1= I DC' C ' 2%"J-' N#=' 2=' I " C1$=' /=C' E#21=C' "=' 2#1' N# M' N#F1$=' O=#$=C' 2=' I =CCFJ=' /=' F' F =C1.' F#' E%"E 2=' C#$' 2 %K =1' D%#$' 2=N#=2' 2' 2 F&F 1' E%"&%N#. ' =11=' D QE=' C=$F' I D$ I .=-' =1' E=' " =C1' DFC' E ' 2=' 2 =#' /=' 2F' E% I I ="1=$ ' 22=' <#1' 2#=' =" 1F2 ="' FD$QC' 2 F&% $' .1. ="' <$F"PF C

"C# 1=' 2=' D$.C /="1' %KC=$&F' N#=' 2F' C.F"E=' .1b 1' .D# CF"1=' (/. M' C W' O=#$=C' / O%$2%J=' ' =1' 2' C.' K%$"F' M' D$%D%C=$i')K' #"=' F/$=CC=' /#' E%"E 2=' M' F' F =C1.S' K' 2 .2=E1 %"' /=C' I = I K$=C' N# ' C=$F ="1' EOF$J.C' /%' CF' $./FE1 %"' S' K' 2=' "% I K$=' /=C' D=$C%""=C' N# ' E% I D%C=$F ="1' E=21=' E% I I CC %"S' ,K' 2%' "% I K$=' /=C' D=$0 C%""=C' N# ' <%$ I =$F ="1' 2F' /.D#1F1 %"' M' F' F =C1.' =1' 2# ' D%$1=$F ="1' 2 F/$=CC=' ' ;#' 2 O=#$=' F&F"E.=-' %"' I "="E=' F %#$"F' 2=' 1%#1' F#' 2="/= I F "')

{, 79 ' :4 ;

=' %#$-' $.#" C' M') ' O=#$=C' E% I I =' M' 2 %$/ "F $=- D$QC' F&% $'
="1=" /#' 2F' CF "1=' I =CC=-' E.2.K$.='DF$'#"' /=C' 7Q$=C' /#' E%"E 2=-'
D$.2 I "F $=C' /=' 1%#1=C' 2=C' E%"J$.JF1 %"C' J."$F2=C-' %O'
I "="E=' D$.C="1F' M' 2 FCC= I K2.=' 2F' D$= I Q$=' /=C' N#=C1 %"C'
"/ N#.=C-' E=22=' /=' 2 F/$=CC=' M' 2 = I D=$=#$ ' !#22=' %DD%C 1 %" '
=E%"/= I ="1-' 2=' "% I K$=' /=C' I = I K$=C' N# ' C=$F ="1'EOF$J.C '
/=' 2F' $./FE1 %"' $ 2' <#1' $./# 1' M' C=D1' / FD$QC' 2F' D$%D%C 1 %"' /='
C ' /=' FL=#W-' 2#"' /=C' D$% I %1=#$C-' =1' C#$' 2F' I =""=' N# #"='
/=C' <%"E1 %"C' /=C' D$% I %1=#$C' .1F 1' /=' <F $=' F#' E%"E 2=' /=C'
D$%D%C 1 %"CS' F "C ' F/%D1. ' E$#1 "' %a' 2=C' I = I K$=C' EO% C C'
D%#$' 2F' $./FE1 %"' /=' 2 F/$=CC=' <#$="1' 2=C' .&YN#=C' /=' ! F"1=C-'
$%L=C-' %"1D=22 =$-' %#$C-' F"/-' #$ "' =1' F&="" =
"C# 1=' 2=' D$.C /="1' C%# I 1' F#' E%"E 2=' 2F' N#=C1 %"' C ' %"'
21=CC=' 2=' D$ "E=' D$ I F1'/ 22= I FJ"=' /=&F 1' %#' "%"' Y1$=' F/ I C'
M' "%C' C.F"E=C ' : %KC=$&F ' F#' D$.C /="1' N#=-' /F"C' 2=C' E%"<.0
$="E=C' D$.DF$F1% $=C' F#' E%"E 2=-' 2' F&F 1' .1.' /.E /.' N#=' 2=C'
C=#2C' .&YN#=C-' /=' 2 = I D $=' <$F"PF C' =1' /#' $%LF# I =' / 1F2 ='
/=&F ="1' L' FCC C1=$' =1' L' &%1=$S' N#=-' C#$'E=' I %1 <-' %"' " L' F&F 1'
DFC' F/ I C' 2=C' .&YN#=C' EOF"% "=C' /%' F "1+3 =" CS' N#=' E' 2='
D$ I F1' .1F 1' #"' .&YN#=' / 22= I FJ"=-'N# 2' " .1F 1' DDC' /=' 2F'
E%"&%EF1 %"-' N# F "C ' 2' "=' /=&F 1' DFC' Y1$=' F/ I C' F#' E%"E 2='
=' D$.C /="1'=1' / &=$C' I = I K$=C' E% I KF11 $="1' I %"' %D " %"-' =1'
2=' E%"E 2=' E%"C#21.' C=' D$%"%"PF' D%#$' 2 F/ I CC %"' /#' D$ "E='
D$ I F1' :=' /= I F"/F ' F2%$C' C 2' F#$F 1' &% W' /.2 K.$F1 &=' /F"C'
2=C' / CE#CC %"Cg' E' /=' %#$C' F<< $ I F' N#=' F I F C' #"' .&YN#=-'
I Y I =' .1$F"J=$-' " .1F 1' "& 1.' CF"C' L' F&% $' &% W' /.2 K.$F1 &=' $
E' /=' $Y&=C' D$.1=" / 1' N#=' "%"' $ %#$C' 2 = I D%$1F-' =1' &% W'
/.2 K.$F1 &=' <#1' FEE%$/.=' DF$' 2=' E%"E 2=' F#' D$ "E=' D$ I F1' F "C '
N# M' C%"' .&YN#=' C#2 $FJF"1

E' /=' 7$F/1' /= I F"/F' N# %"' C %EE#Db1-' %#' D2#1c1' C%#1 "1'
N# %"' F#$F 1' /]' C %EE#D=$' /=' E=' N# 2' FDD=2F-' / 1+ 2-' <F#1=

/ F#1$=' 1=$ I =-' &.$ < EF1 %"' /=C' D%#&% $C' /=C' .&YN#=C' D$.0 C="1C' F#' E%"E 2= ' 2' C=' E 1F' 2%LF2= I ="1' E% I I =' J"%$F"1' C 2' /=&F 1' L' Y1$=-' &#' N#=' 2=' DFD=' 2# ' F&F 1-' 2' =C1' &$F -' ="&%L.' /=C' K#22NC-' I F C' N#=' 2=' J%#&=$"= I ="1' 2=C' F&F 1' $="&%L.=C ' 2' E 1F' 2=C' C#2 $FJF"2C' /=' #"C1=$' =1' / C"FK$#E ' =1' 2=#$' /%""F' /=' #C1=C' 2%#F"J=C-' I F M F %#1F' N# 2' <F22F 1' C1F1#=$' C#$' <1#$' C 1#F1 %"

> M /=' ! F"EL' (/ C I %"/ ' E%#DF' E%#$1' ="' / CF"1' N#=' /F"C' 2F' 2 C1=' /=C' .&YN#=C' /#' E%"E 2=-' I D$ I .=' F&F"1' C%"' %#&=$1#$=-' =1' /F"C' 2 FDD=2' "% I "F2' N# ' 2F' D$.E./F-' 2=C' 1$% C' .&YN#=C' ="' N#=C1 %"' F&F ="1' .1.' /.E2F$.C' DF$' 2=' E%"E 2=' ="' <F $=' DF$1 =' $ (# F "C ' 2F' N#=C1 %"' .1F 1' /.E /.=

8#=2N#=C' I = I K$=C' "C / =#C= I ="1' D$%D%CF ="1' N#=-' D%#$' 2F' <%$ I F1 %"' /=C' / &=$C=C' E% I I CC %"C-' %"' ="' EOF$J=b1' 2F' E% I 0 I CC %"' / F/ I " C1$F1 %"' "1.$ =#$= ' %"' I "="E=' =CEO' C L' %DD%CF-' =1' / 1' N#=' EOFN#=$E% I I CC %"' F&F 1' C%"' %K =1' =1' N# 2' <F22F 1' 2=' CE$#1 "-' <%$ I =' F/%D1.=' DF$' 2=' E%"E 2=' D%#$' EOFN#=' E% I I CC %"' =1' EOFN#=' .2=E1 %"' S N#=' / F 22=#$C' 2F' E% I I CC %"' FDD=2.=' DF$' "%#C' / F/ I " C1$F1 %"' =1' DF$' 2 = I D=$=#$' /=' D%2 E=' .1F 1' /#' <F 1' /#' D$ "E=' =1' "%"' /#' E%"E 2=-' %D " %"' =1' F&=#W' =WE=22="1C ' =' CE$#1 "' <#1' E%"C=$&.

% I I =-' FD$QC' #"' CE$#1 "-' 2' L' F&F 1' KF2F"E=' /=' &% W' ="1$=' /%#W' .&YN#=C-' #"' / 1F2 =' D$%D%CF' 2F' &% =' /#' C%$1 ' C' /=' 7$F/1' ="' DF$2F' / #"=' I F" Q$=' D=#' $=CD=E1#=#C=' %#$"F ' E$ F' I 2 ¯ □ □¯ ¯7 □ !(¯L" ; =$CF 22=C' $=D$ 1' C.&Q$= I ="1' 2=' "% I I .' M' F2 "=C-' 2=' C%$1' <#1' D$.<.$.

:=' <#C' EO% C ' D%#$' 2F' E% I I CC %"' EOF$J.=' /%' C %EE#D=$' /=' 2 F/$=CC=' M' D$.C="1=$' M' 2 = I D=$=#$ ' 2' /=&F 1' L' Y1$=' "C.$.' /=C' F$1 E2=C C# =1C' M' / CE#CC %"-' N#F"1' M' "%C' 2 K=$1.C' JF22 EF"=C' C ' D=#' ="' <F&=#$' ="' 1F2 = ' : FEE=D1F ' DF$' C="1 I ="1' / O%""=#$' =1' D%#$' "=' D% "1' EOFJ$ "=$' I =C' E%22QJ#=C-' CF"C' I =' / CC I #2=$' 2=

S@ 79 ' :4 ;

D.$ 2' /=' I F' C 1#F1 %"' (F&F C' .D$%#&.' /=' 2F' DF$1' /%' 2 = I D=$=#$' #"='' CEQ"='' N# ' F" "%"PF 1' K=F#E%#D' /%' I F2&= 22F"E=

F' E% I I CC %"' =#1' /=#W' C.F"E=C-' L' DF$2F -' CF"C' JY"='' =1' CF"C' & &FE 1.S' I F C' C#$' E='' N# a"' .&YN#='' "<2#="1' (! F"1=C -' N# ' F&F 1' <F 1' #"' D$% =1' / F/$=CC=-' "%#C' F&%#F' 2 F&% $' 2#' M' 2 = I D=0 $=#$-' N# ' 2 FDD$%#&F 1-' =' / C' M' E='' E%22QJ#='' N#='' E=1' F&=#' I F&F 1' D." .1$.' /='' 1$ C1=CC=' :='' 2# ' E 1F ' %CC#=1-' N# ' $.E2F I F' E%"1$='' %# C' G ; -' /%"1' #"='' /.E C %"' ="' E%"C= 2' / 1F1' D$=CE$ &F 1' F#W' .&YN#=C' /%' 2# ' C%# I =11$='' 2=#$C' I F" /= I ="1C ' ='' $% ' / CD="CF' %CC#=1' M' EF#C='' /='' C=C' J$F" /C' I .$ 1=C'=1' C=$& E=C' D%#$' 2 J2 C=' 2' $=<#CF' 2 =W= I D1 %"-' / 1' N# 2' 2F' /= I F" /F 1' "%"' D%#$' 2# -' I F C' D%#$' 2 .D CE%DF1' %# C' G ;' $=1 $F' C%"' F$$Y1' M' 2 .JF$/' /=C' I F" /= I ="1C ' : F %#41' N#='' /='' ! F"1=C-' %#1$='' 2='' 1%$1' / F&% $ FJ' CF"C' I CC %"' /#' E%"E 2=-' E% I D$% I =11F 1' & %2= I I ="1' 2F' E% I I CC %"-' &#' 2=C' E2 F"J= I ="1C' #J.C' D=#1+Y1$='' ".E=CCF $=C' M' 2 F/$=CC='' =1N# ' D%#$$F ="1' $$ 1=$' 2='' C%#&=$F "' =1' D2#C' ="E%$='' 2='' E%"E 2=-' N# ' D%#$$F 1' F#CC ' "='' DFC' $=E=&% $' 2 F/$=CC='' I Y I = ' :='']C' C="1 $' E% I K ="' 2' .1F 1' E%#DFK2='' =1' "%#V' N#='' 2='' E%"E 2=-' /F"C' #"' FE1='' N# ' 2='' E%"E=$"F 1-' "='' <]1' N# ="' C=E%" /='' 2 J"='' =1' N#='' /.C%$ I F C' 2' <F22F 1' N#='' /%' ".E=CC 1.' 2' FJ 1-' DF$2b1-' .E$ &Z1' C=C' F/$=CC=C' E2' F#1$=C' FE1=C

! F"1=C' .1F 1' E%"<%" /#-' I Y I ='' F11=$$.' /='' I F' $.<2=W %" ' =C' F#1$=C' .&YN#=C' I FDD$%#&F ="1' ! F"1=C'&%#2#1-' I F C' <F K2= I ="1-' C='' #C1 < =$'C#$' 2F' / << E#21.' /=C' E $E%"C1F"E=C' =1' 2='' K=C% "' /='' "%' DFC' EFK$=$ ' 2' <#1' <FE 2='' /='' 2='' $.<#1=$ ' d #' $=C1=-' 2#' / 1' 2='' EF$0 / "F2' =CEO-' E =C1' M' &%#C-' I %"C= J"=#$-' M' D$.C="1=$' "%C' /.=C' M' 2 = I D=$=#$-' EF$' 2' F' / 1' $.E= I I ="1' N#='' &%#C' 2='' <F C =X' K%"' EF1O%2 N#='' ="' 2# ' DF$2F"1' /='' 2F' $=2 J %"-' 1F" / C' N#='' E=22=' / #"' F#1$='' .&YN#='' 2='' <=$F 1' D$%1=C1F"1-' "' ! F"1=C' 1$%#&F' 2='' E% I D2 I ="1' D=#' J$FE =#W-' =1' $%L=C' / 1i' d <<=E1 &= I ="1-' I %"C= J"=#$-' &%#C' " F&=X' DFC' /%' N#% ' &%#C' &F"1=$ ' 5

2 hZ 2 ' :4 ; +

' E=22=' I Y I =' $.#" %"-' &$=#W' FLF"2' / 2' N#=' E .1F 2' 2F' E% I 0 I CC %"' EEE2.C FC2 N#=' (FCC= I K2.=' ="')*) '=2' ,*))' ="' O &=$' E2' E% I D%C.=' /=' C=D1' .&YN#=C ' N# ' F&F 1' F I ="..' 2=' E%"E 2=-' =' /= I F"/F ' M' &$=#W' C ' E .1F 1' 2M' E=' N# 2' F&F 1' <F 1' /=' I =#W' ="' CF' & %' g' %#$C' $=D$ 1' ! %#C' F&%"C' 1$QC+K ="' <F 1 ' 5 :=' 2# ' $.D%"/ C' î d # -' &%#C' F&=g-' <F 1' 2M' #"' K=2' %#&$FJ=' î D%#$' 1 $=$' / = I KF$$FC' N#=2N#=C' .&YN#=C' / #"=' E% I I CC %"' =EE2.C FC1 N#=' N# ' D%#&F 1'=1' /=&F 1' CF"C' <FP%"' C=' /.E2F$=$' "E% I D.1="1=-' &%#C' F&=X' /= I F"/.'#"' E%"E 2=' "F1 %"F2'$ &%#C' L' F&=X' JFJ".' #"' F"' /=' $.D 1-' I F C' &%#C' &% 2M' D$ C' /=' "%#&=F#' =1' $=1% I K.C' D2#C' $#/=0 I ="1' /F"C' E=' E%"E 2=-' N# ' &%#C' =WD%C=' F&=E' "%#C' M' 1F"1' / = I 0 KF$$FC' =1' /=' D.$ 2C-' N# ' =WD%C=' ="E%$=' D2#C' 2F' EF#C=' /=' 2 J2 C=' ' 5 %#$C' "%' $.D2 N#F' DFC

' 2F' E%"J$.JF1 %"' J."..$F2=' /#' `' %"' D$%E./F' M' 2 .2=E1 %"' /=C' 7Q$=C' N# ' C=$F ="1' EOF$J.C' /%' 2 = WF I %"' =1' /#' $FDD%$1' /#' I =C0 CFJ=' /=' F' F =C1.-' /%"1' 2 %K =1' D%#$' F "C ' / $=' #" N#=' =C1' 2F' N#=C1 %"' /=C' K#22= C ' gu' /=' ! F"1=C-' /=' Y"=C-' /=' 7F$ I =-' /=' $%L=C-' /=' %$/=F#W-' /%' % I FEEO %-' / &$.=-' /=' %#$"F -' /=' %#$C-' /=' $Y&=C-' /=' F"/-' <#$="1' EO% C C' M' 2F' D2#$F2 1.' $=2F1 &=' /=C' &% W ' E' &% 2M' /%"E' ="E%$=' #"=' <% C' /F"C' □/ E ! E"' I F C' 2 O%""=#$' =1' 2=' /=&% $' d%"1' I F' /=& C=-' =1' C=' $=<#C=$' M' 2F' E%"< F"E=' /=' C=C' E%22QJ#=C' C=$F 1' 2bEO=

<F22#1-' M' 2F' E%"J$.JF1 %"' J."..$F2=' /#' -' C %EE#D=$' /%' 2 F/$=CC=' M' D$.C="1=$-' E% I I =' / #CFJ=-' F#' C%#&=$F " ' %"' F& C' M' 2F' E% I I CC %"' F&F 1' .1.' / L' DF$2=$' /#' DFD=-' / L' /= I F"/=$' E%"E 2 F $= I ="2' CF' 2 K=$1.' =1' /=' C=' K%$"=$' M' /=C' O% I I FJ=C' /%' $=CD=E1-' /%' /.&%#= I ="1' =1' /=' < /.2 1.' F#' C%#&=$F " ' :=' "=' <#C' DFC' FDD#L.' "' D$.1="/ 1' N#=' 2 = I D=$=#$' &%#2F 1' F#1$=' EO%C=-' =1' N#=' CF"C' E=2F' 2' C=' I =11$F 1' ="' E%2Q$=' :=' $.D%"/ C' N#=' 2F' E%2Q$=' /#' D$ "E=' .1F 1' $=/%#1FK2=-' I F C' N# 2' L' F&F 1' /=C' EO%C=C

,5 7 9 ' :4 ;

D2#C' $=/%#1FK2=C'="E%$=' %#1' C .1F 1'D=$/#'=1'C=' D=$/F 1'/=D# C' 2%"J1=IDC'DF$' 2F' <F K2=CC=' /=' 2 .&YN#=' N#' I %"1$F 1' / F&F"E=' F#' C%#&=$F "' E=' /%"1' 2' /=&F 1' Y1$=i' N#=C1 %"' ' ; = 22=' =1' E%#0 DFK2=' I .1O%/=-' N#' /F1F 1'/=' 2F' E%II CC %"' =EE2.C FC1 N#=' :=' &%#2#C' I =' $=1 $=$'/=' 2F' E%II CC %"-' IFC' ='E$#C' N# 2' <F22F 1' JF$/=$' E=' DF$1 ' =W1$YI=' D%#$' #"' I %I="1' D2#C' %DD%$1#"

=' D$% =1' / F/$=CC=' /=' C ' /=' !F"1=C' <#1'/%"E' 2#' =1' / CE#1.' F$1 E2=' DF$' F$1 E2=' M' 2F' E%II CC %"' ' :=' D$./C-' =1' =' "=' <#C' DFC' 2=' C=#2-' N#=' E=11=' F/$=CC=' "=' DFCC=$F 1' FIFC' F#' E%"E 2=' "' $=1$F"EOF'/#' 1=W1=' K ="' /=C' I %1C' =1' /=C' DK$FC=C D%#$' " % -' =' /.E2F$F ' N#=' =' "=' C J"=$F C' FIFC' E=' D$% =1' 1=2' N# 2' .1F 1' $./J.' .1F 1'/FK%$/' C=$& $'2=' E%"E 2=' N#=' / F$$FEO=$'/F&F"E=' D2#C =#$C' /=C' .D "=C' N#' 2F#$F ="1' K2=CC.' =1' IY I =' E% I D$% I C' =11=' E%1=' IF2' 1F 22.=-' E=11=' D QE=' "<%$ I =' N#=' $'/=' !F"1=C' F&%#F' 2# + IY I =' "=' DFC' 2#' D2F $=-' <#1' $FK%1.=' =1' D%2 =' 1F"1' C% 1' D=#' 22=' <#1' 2#=' F#' E%"E 2=' =1' L' =WE 1F' / &=$C=C' .I %1 %"C' N# 2' <F#1' $FE%"1=$

' D= "=' 2F' D$=I Q$=' 2=E1#$=' < " =-' C' 2=' KF$%"' /=' 3 $%C1-' .&YN#=' C#<<$FJF"1' /=' #"C1=$-' C=' 2Q&=' =1' /=I F"/=' N#=' 2=' E%"0 E 2=' D$=CC=' 2 =I D=$=#$' / FEE%$/=$' 2F' 2 K=$1.' F#' DFD=

OFIK.$L' C=' 2Q&=' =1-' / #"=' K=22=' =1' <%$1=' &% W-' F&=E' E=1' .2F"' /=2 b I ==1' /#' En#$N# ' <F 1' 2F' J$F"/=' .2%N#="E=-' 2' / 1' ï d8#% s' I %"C= J"=#$-' 2' " =C1' DFC' N#=C1 %"' /=' 2F' 2 K=$1.' /#' DFD=g' 8#=' <F C%"C+"%#C-' .&YN#=C' EF1O%2 N#=C' $.#" C' /F"C' #"' E%"E 2=' CF"C' D%#&% $' C=#2=I ="1' E% I I #" N#=$' F&=E' "%1$=' EO=<g' 2' <F#1' N# M' 2F' D$=I Q$=' /.D#1F1 %"' /#' E%"E 2=' M' 2 =I D=$=#$' 2F' 2 K=$1.' /#' CF "1+DQ$=' C% 1' /=IF"/.=' DF$' "%#C ' =C1' "%1$=' /=&% $-' "%#C' 2=' /=&%"C' M' "%C' / %EQC=C-' M' 1%#C' 2=C' EF1O%2 N#=C' /%' 2 =I D $=-' /=' 2 #$%D=' :=1%"C+"%#C-' C 2' 2=' <F#1-' F#W' D =/C' /#' C%#&=$F "' D%#$' %K1=" $' E=11=' /.2 &$F"E=' 5

=' "%I I .' M' F2 "=C' (/=' 7$F/1' 1$%#&=' 2 =WD$=CC %"' /=' dC=

7 9 ˢ :4 ; , , `

=2=$ˢ F#Wˢ D =yCˢ /%ˢ 2 = I D=$=#$ˢ 5ˢ DFCˢ FCC=Xˢ / J"=ˢ D%#$ˢ #"ˢ E%"E 2=

}ˢ N#%ˢ OF I K.$Lˢ $.D%"/ 1iˢ d %"C= J"=#$-ˢ =ˢ E%""F Cˢ =1ˢ =ˢ /.<="/$F ˢF#1F"1ˢN# F#E#"ˢ/=ˢ I =Cˢ E%22QJ#=Cˢ2Fˢ/ J" 1.ˢ.D CE%DF2=Sˢ I F Cˢ /=Cˢ .&YN#=Cˢ D=#&="1ˢ K ="ˢ C=ˢ =1=$ˢ F#Wˢ D =/Cˢ /#ˢ C%#&=$F "ˢ D%#$ˢ %K1=" $ˢ 2Fˢ 2 K=$1.ˢ /m-& EF $=ˢ /=ˢ:.C#C+ O$ C1ˢ 5ˢ OF I K.$Lˢ E%"1 "#Fˢ="ˢ / CFN1ˢ iˢ GM ' "‾ # "‾□ "ˢ 2Fˢ EF#C=ˢ=C1ˢ Cˢ J$F"/=ˢˢ 5ˢ 7# C-ˢ="2=&. DF$ˢ#"ˢ I %#&= I ="1ˢ1$QC+"%K2=-ˢ 2ˢ C .E$ Fiˢ d Oˢ N#%ˢ) 2=ˢ EOFD 1$=ˢ /=ˢ 7F$ Cˢ /F"Cˢ C%"ˢ F/$=CC=ˢ (2ˢ C F$$Y1Fˢ /=ˢ D=#$ˢ / ="ˢ / $=ˢ D2#Cˢ N# 2ˢ "=ˢ <F22F 1Vˢ Fˢ K ="ˢ /= I F"/.ˢ Mˢ 2 = I D=0 $=#$ˢ 2Fˢ J$bE=ˢ=1ˢ 2Fˢ 2 K=$1.ˢ /=ˢ ˢ/ C1$%C-ˢ#"ˢ /%ˢ C=Cˢ I = I K$=C-ˢ=1ˢ {"%#Cˢ " F#$ %"Cˢ DFCˢ2=ˢ E%#$FJ=ˢ/=ˢ /= I F"/=$ˢ2Fˢ 2 K=$1.ˢ /#ˢ DFD=g5ˢ 2ˢ F %#1Fˢ idˢ F Cˢ 2 = I D=$=#$ˢ D%#$$Fˢ C $$ 1=$gˢ =CC= J"=#$C-ˢ 2Fˢ 3 & " 1.ˢ E%"C="1ˢ Mˢ Y1$=ˢ D$=CC.=-ˢ I D%$1#".=ˢ DF$ˢ /=Cˢ D$ Q$=Ciˢ 2=Cˢ C%#&=$F "Cˢ C%"1ˢ 2=Cˢ I FJ=Cˢ /=ˢ 3 =#-ˢ =1ˢ N#F"/ˢ %"ˢ FJ 1ˢ F&=Eˢ =#Wˢ E% I I =ˢ F&=Eˢ 2# -ˢ %"1+ 2Cˢ /$% 1ˢ /=ˢ C=ˢ D2F "/$=gˢ 5

=ˢ / CE%#$C-ˢ D$%"%"E.ˢ F&=Eˢ #"=ˢ =$1.ˢ D%"1 < EF2=ˢ =1ˢ#"ˢ FEE="1ˢ /.EO $F"1ˢ /#ˢ E%=#$-ˢ ="1$FZ"Fˢ D$=CN#=ˢ 1%#1=ˢ $FCC= I K2.=-ˢ =1ˢ 2 #"ˢ /=Cˢ .&YN#=Cˢ E%#$1 CF"C-ˢ C=ˢ 1%#$"F"1ˢ &=$Cˢ #"ˢ F#1$=-ˢ / 1ˢ 2ˢ &% Wˢ KFCC=ˢ iˢ d ! %#Cˢ Lˢ &% 2M-ˢ E% I I =ˢ =ˢ 2 F&F Cˢ D$.&#ˢ 5ˢ %$/=F#Wˢ Mˢ D2#C =#$Cˢ $=D$ C=C-ˢ/=ˢ I Y I =ˢ N#=ˢ % CC%" C-ˢ C%#1 "$="1ˢ F&=Eˢ <%$E=ˢ 2Fˢ D$%D%C 1 %"ˢ /=ˢ OF I K.$Lˢ =1ˢ C=ˢ E%"/# C $="1ˢ F/ I $FK2= I ="1Sˢ 1%#1ˢ 2=ˢ E%"E 2=ˢ .1F 1ˢ $= I D2ˢ / . I %1 %"ˢ =1ˢ F/O.$F 1ˢ Mˢ E=Cˢ C="0 1 I ="1C

7$F/1ˢ =1ˢ ! F"ELˢ (/ C I %"/ˢ %KC=$&Q$="1ˢ N#=ˢ 2Fˢ 2 K=$1.ˢ /#ˢ DFD=ˢ =1ˢ E=ˢ N#ˢ 2=ˢ E%"E=$"F 1ˢ " .1F ="1ˢ DFCˢ 2 %K =1ˢ D$.E Cˢ /=ˢ 2 F/$=CC=Sˢ C I %"/ˢ F %#1Fˢ N# 2ˢ <F22F 1ˢ /F"Cˢ 2=Cˢ J$F"/=Cˢ FCC= I 0 K2.=Cˢ C=ˢ JF$/=$ˢ /=ˢ 2 ="1O%#C FC I =-ˢ %KC=$&F1 %"Cˢ N#ˢ /.D2#$="1ˢ Mˢ 2 I I ="C=ˢ I F %$ 1.ˢ /#ˢ E%"E 2=

=ˢ EF$/ "F2ˢ =CEO-ˢ ="ˢ / CF"1ˢ N #=ˢ 2=Cˢ D$%D%C 1 %"Cˢ . I C=Cˢ DF$ˢ OF I K.$L-ˢ % CC%"Cˢ =1ˢ %$/=F#Wˢ .1F ="1ˢ /F"Cˢ 2=ˢ En #$ˢ /=ˢ 1%#C

HHF 7 H ' :4 ;

2=C' .&YN#=C' /=' 2 FCC= I K2.=-' %KC=$&F' N#=-' C ' =2 =' /=&F 1' /#$=$' D=#-' %"' D%#$$F 1' OFCF$/=$' E=11=' / . I F$E2 =-' I F C' N# E"' 2F' <F CF"1' %"' C =WD%C=$F 1' / FK%$/' M' /=' 2 O# I =#$-' ="C# 1=' N# 2' C=$F 1' $.D%"/#' N#=' 2=' DFD=' " .1F 1' DFC' D$ C%"" =$' %1' D%#&F 1' C%$1 $' /%' F&%"=' D%#$' F22=$' F 22=#$C' $ N#=' 2=' &$F ' I % I ="1' /=' C =WD$ I =$' E% I I =' 2' E%"&="F 1' C#$' E=11=' N#=C1 %"' ' C=$F 1' N#F"/' E=22=' /=' 2 "C1 1#1 %"' EF"%" N#=' C=$F 1' 1$F 1.=-' =1' N# F2%$C' %"' DF$2=$F 1' M' 2 = I D=$=#$ ' 2' L' F&F 1-' =' E$% C-' K%""=' "1="1 %"' /F"C' E=11=' $= I F$N#=

F C' 2=' EF$/ "F2' FC=22 ' / 1' F&=E' =CD$ 1' N# 2' <F22F 1' N#=' I ="1 %"' <]1' <F 1=' F#' D$%EQC+&=$KF2' /=' 2F' C.F"E=' /=' 2F' /= I F"/=' OF I K.$L-' % CC%"C-' %$/=F#W-' FDD mL.C' /=' 2 FCC="1 I ="1' /=+' 2 FCC= I K2.= ' DD$%#&.' #" &=$C=22= I ="1 ' :=' J2 CCF ' M' 2 %$= 22=' /%' C ' 2=' EF$/ "F2' D "F' N# F "C ' 2F' D$%D%C 1 %"' " .1F 1' N# F0 %#$".= ' /%D1.' =1' "C.$.' F#' D$%EQC+&=$KF2

"' E%"1 "#F' 2F' 2=E1#$=' /%' 2 F/$=CC=' M' 2 = I D=$=#$ ' =C' .&Y0 N#=C' 1F2 ="C' <2$="1' %K =E1 %"' %1' %DD%C 1 %"' F#W' E%"C.N#="E=C' 1 $.=C' /=C') U' =1' m' F$1 E2=C' /=' 2F' /.E2F$F1 %"' /=' , * -' "C.$.C' /F"C' 2F' $./FE1 %" ' "' < 1' C#EE=CC &= I ="1' /%C' I #1F1 %"C' N# ' E%"1="1Q$="1' 2=C' 1N2 ="C ' :=' D$%D%CF ' N# %"' "C.$b1' 2=' D$.F I 0 K#2=' /=' 2F' /.E2F$F1 %"' /=') * -' %a' 2' .1F 1' N#=C1 %"' /=C' /$% 1C' =1' D$.$%JF1 &=C' /#' CF "1+C QJ=' =' "=' <#C' DFC' <%$1= I ="1' C%#0 1="#'$ #"=' /= I +O=#$=' FD$QC' "J=$C' $=D$.C="1 ' 2F' I Y I =' /=0 I F"/=-' N# ' <#1' I =#W' FEE#= 22 =' CF"C' DFCC=$' ="E%$= ' "< "' ! F"EL' 2F' $=D$%/# C 1' ="' K%"C' 1=$ I =C' /=' $=CD=E1' F#' CF "1+C QJ=' $ 2F' D$%D%C 1 %"' DFCCF$' =1-' E=' N# ' <#1' $=JF$/.' E% I I =' C#2< CF"1-' #"=' DF$1 =' /#/ 1' D$.F I K#2=' ="1$F' /F"C' 2 F/$=CC=' 22=' .D$%#&F' C#$' D2#C =#$C' F$1 E2=C' /=' <%'2=C' %DD%C 1 %"C-' F#W1 #E22=C' ! F"1=C' &%#2#1' DF$=$' DF$' /=C' E%$$=E1 <C ' F C' 2 F$1 E2=' /=' 2 =WE% I I #0 " EF1 %"' $FDD=2.' /F"C' E=11=' D QE=' =WE 1F' #"=' %DD%C 1 %"' C ' J.0 ".$F2=-' N#=' ! F"1=C' %<<$ 1' /=' 2 c1=$ ' 2' " F&F 1' F I F C' .1.' / F& C

/ =' 2 L' I =21$ ' =1' F&F 1' <%$1' FDD$%#&.' I =C' %KC=$&F1 %"C' N#=' E .1F 1' U$.&= 22=$ſ#"=' N#=C1 %"' FCC%#D =-' =1' E%"C.N#= I I ="1' "# $=' F#W' "1.$Y1C' /=' 2 = I D=$=#$' I Y I =-' DF$' 2 FJ 1F1 %"' =1' 2=' 1$%#K2=' N#=' E=' $.&= 2' EF#C=$F 1' /F"C' 2=C' =CD$ 1C-' C#$1%#1' /F"C' 2=C' DFLC' N#' " .1F ="1' DFC' /%' 2 F"E =""=' $F"E% ' =' I %/=' /=' $./FE1 %"' /=' 2 F$1 E2=' /.D2#1' F#CC ' J."$F2= I ="1-' =1' ! F"1=C' D$%0 D%CF' 2F' C#DD$=CC %"' /=' E=1' F2 ".F-' F#' C# =1' /#N#=2' 2' L' F&F 1' =#' 1F"1' /=' /.KF1C

! F"1=C' P= I F$N#F 2' E% I I =' E%"C.N#="E=' /#' ' F$1 E2=' N#=' N#F"/' #"=' J2 C=' F&F 1' #"=' / CE D2 "=' FDD$%#&.=' DF$' 2=' CF "1+' C QJ=-' #$' DFD=' "=' D%#&F 1' EOF"J=$' =1' $.&%N#=$' E=' N#=' C=C' D$.0 /.E=CC=#$C' F&F ="1' FEE%$/.' D "F-F&=E' #"=' 2%J N#=' /%#E=' I F C' $$.C C1 K2=-' E%"&F "N# 1' ! F"1=C' =1' C=C' F/O.$="1C' N#=' 2 FCC=$1 %"' .1F 1' <F#CC=-' d EF$-' / 1+ 2-' 2=' /=$" =$' E%"E%$/F1' F' "%"+C=#2= I ="1' / .1$# 1' 2=C' 2 K=$1.C' /%' 2 F"E =""=' J2 C=' JF22 EF"=-' I F C' 2' F' ="E%$=' C#DD$ I .' 1%#1' 2 F"E ="' %$/$=' =EE2.C FC1 N#=' 5 :F I F C' ! F"1=C' =1' F#1$=C' "=' D#$="1' C=' 1 $=$' /=' E=1' F$J# I ="1-' =1' ="' E%"0 C.N#="E=' 2' <#1' F %#1.' N# #"' DFD=' "=' D%#&F 1' $.&%N#=$' E=' N#=' C=C' D$./.E=CC=#$C' F&F ="1' FEE%$/.-' O%$ I C' /F"C' 2=C' 1= I DC' =W1$F%$/ "F $=C' =1' 2F' ".E=CC 1.' /%' 2 J2 C=

F$1 E2=' /=' 2 =WE% I I #" EF1 %"' $F I ="F 1' ".E=CCF $= I ="1' F#' E%"E 2=' /=' $="1=' =1' O' C%"' /.E$=1' E%"1$=' 2=C' CD%2 F1=#$C' N#=20 E%"N#=C' /%C' K ="C' =EE2.C FC1 N#=C ' F#$L' < 2' #"' E% I I ="1F $=' F2F I K N#.' (#' F22F 1' M' "< $ I =$' E=' /.E$=1S' =' 2#' / C' d i 22%"C= +' J"=#$-' &%#C' F&=X' <F 1' #"' E% I I ="1F $=-' 2' &F#1' K ="' I =#W' 2 $=' 2=' 1=W1=' /#' E%"E 2=' 5 F#$L' C=' 1#1' =1' CF' D$%D%C 1 %"' =WD $F

[CC%"C' D%#$' 2=C' $F"PF C' =1' D2#C =#$C' .&YN#=C' / 1F2 =' F&F ="1-' M' / &=$C=C' $=D$ C=C-' /= I F"/.' N# F#' 2 =#' / ="1$=$' ="' /=C' N#=C1 %"C' 12 .%2%J N#=C' E%"1$%&($C.=C' ="1$=' 2=C' JF22 EF"C' =1' 2=C' #21$F I %"1F "C-' 2 F/$=CC=' C=' K%$"]1' M' /=C' O% I I FJ=C' /=' $=C0 D=E1' =1' /=' < /.2 1.' F#' C%#&=$F "

F' E%"J$.JF1 %"' J."R.$F2=' /#' \' E% I I ="PF' DF$' 2F' 2=E1#$=' N#=' < 1 ' ="' C%"' "% I ' =1' ="' E=2# ' /=' K=F#E%#D' /=' C=C' E%22QJ#=C' / 1F2 =-' C' $=CE F-' C=E$.1F $=-' / #"' I . I % $=' %a' 2' I %1 &F 1' / <<.$="1=C' %DD%C 1 %"C' /#' $=C1=' /=' 2F' EF1O%2 E 1.' =#$%D.="'"=' M' "%C' 2 K=$1.C' JF22 EF"=C-' "%1F I I ="1'F#W' N#F1$=' F$1 E2=C-' dE%"1$=' 2=CN#=2C-' F %#1F+1+ 2-' "%#C' F&%"C' .E$ 1-' ="C= J".-' C J". ' 3%"E-' "%#C' "=' D%#&%"C' C J"=$' "/ & /#=22= I ="1' #"=' F/$=CC=' %a' /=#W' F$1 E2=C' C=' 1$%#&="1-' ="E%$=' I % "C' 2=C' E%"C.N#="E=C' N# %"' ="' 1 $= ' 5' 2' /= I F"/F' E% I I =' % CC%"C' =1' F#1$=C' N#=' 2 F/$=CC=' <]1' K%$".=' F#W' O% I I FJ=C' /=' < /.2 1.' =1' C%# I CC %"' F#' C%#&=0 $F "

=' D$.C /="1' F&=E' CFJ=CC=' / 1' N# %"' "=' /= I F"/=$F 1' DFC' 2F' C J"F1#$=' "/ & /#=22= ' ! F I #$-' I =' JFJ"F"1' /=' & 1=CC=-' /= I F"/F' N# =22=' =' <]1' C J".=' N#=' DF$' 2=' D$.C /="1' =1' 2=C' C#E$.2F $=C ' /%D1.' #" &=$C=22= I ="1' F&=E' % =

C ' /=' ! F"1=C-' N# ' F&F 1' <F 1' E=11=' F/$=CC=-' 2F' & 1' /.D=E=$' =1' I =11$=' ="' D QE=C' F$1 E2=' DF$' F$1 E2=-' E% I I =' %"1D=22 =$' =1' I %' F "C ' N#=' V$%L=C' =1' 2=' D$.C /="1' 2=' 2# ' F& %"C' D$./ 1' M' 2F' E% I 0 I CC %"

7%#$' 1=$ I "=$' E=' N# ' $=JF$/=' E=11=' F/$=CC=-' =22=' " F&F 2' "#22= I ="1' D2#' F#' E%"E 2=-' N# ' D%#$1F"1-' □ □ !& ! "' 2 F&F 1' ="' N#=2N#=' <FP%"' 1%2.$.=S' =' / C' ="' N#=2N#=' <FP%"-' EF$-' E% I I =' 2 %"' I 1' 2F' N#=C1 %"' F#W' &% W' DF$' FCC C' =1' 2=&.' =1' "%"' DF$' CE$#1 "-' E% I I =' ! F I [$' =1' 2=C' %#$C' 2 F&F ="1' /= I F"/.-' EOFE#"' =]1' .1.' ="' /$% 1' /=' / $=-' C 2' 2=]1' &%#2#-' N# 2' "=' 2 F&F 1' DFC' FDD$%#&.= ' = I D=$=#$-' I .E%"1="1' /=C' EOF"J=0 I ="1C' <F 1C' M' 2 F/$=CC=-' "=' &%#2#1' D2#C' ="1=" /$=' CF' 2=E1#$=S' =1' 2=' E%"E 2=-' N# ' /=&F 1' 2# ' <F $=' #"=' & C 1=' /=' E%$DC' F#' D =/' /#' 1$C"=-' <#1' E%"1$= I F"/.

F="XF-' "% I I .' F#' DF1$ F$EF1' /=' ; =" C=-' / CF 1' ="' " #$ I #+' $F"1N#=' 2=C' .&YN#=C' /#' $%LF# I =' / 1F2 =' o2%#&F ="1' " F&% $' (1FC

/=ˢ &% Wˢ / "C2%Cˢ E% I I CC %"C-ˢ &#ˢ N# 2Cˢ .1F ="1ˢ D=#ˢ E%""#Cˢ =1ˢ
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$.D%"/ $="1ˢ N# 2ˢ C#<< CF 1ˢ N# 2Cˢ <#CC="1ˢ /=Cˢ .&YN#=Cˢ 1F2 ="C-ˢ
=1ˢ N# %"ˢ "=ˢ CF&F 1ˢ DFCˢ FCC=Xˢ /=ˢ J.%J$FDO =ˢ I %/=$"=ˢ D%#$ˢ / C+ˢ
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=CF"P%"ˢ / 1ˢ N# 2ˢ &%LF 1ˢ F&=Eˢ /%#2=#$ˢ E=ˢ D=1 1ˢ I #$ˢ /%ˢ
C.DF$F1 %"ˢ ="1$=ˢ 2=Cˢ J2 C=Cˢ =1ˢ N#=ˢ $F"PF Cˢ =1ˢ 1F2 ="Cˢ "%#Cˢ
.1 %"Cˢ 1%#Cˢ E%22QJ#=CSˢ F "C -ˢ N#=ˢ EOFE#"ˢ "% I I =$F 1ˢ /=Cˢ #"Cˢ %#ˢ
/%Cˢ F#1$=Cˢ E% I I =ˢ 2ˢ &%#/$F 1ˢ Fˢ D$%D%C 1 %"ˢ <#1ˢ FJ$..=Sˢ I F Cˢ
=CF"P%"ˢ FLF"1ˢ F %#1.ˢ N#=ˢ E=2Fˢ D%#$$F 1ˢ D2F $=ˢ Mˢ 2 = I D=$%#$-ˢ
7$F/1ˢ $=D$ 1ˢ 2 F$EO=&YN#=ˢ C.&Q$= I ="1-ˢ =1ˢ / 1ˢ F&=Eˢ #C1=CC=ˢ N#=ˢ
"%#Cˢ " F& %"Cˢ "ˢ /$% 1ˢ "ˢ D%#&% $ˢ D%#$ˢ I =11$=ˢ 2 = I D=$=#$ˢ ="ˢ
F&F"1-ˢ N#=ˢ /F"Cˢ #"ˢ E%"E 2=ˢ %"ˢ "=ˢ /=&F 1ˢ 1$F 1=$ˢ N# F#ˢ "% Iˢ /#ˢ
E%"E 2=ˢ I Y I =ˢ 7$%D%C 1 %"ˢ J%]1.=

% I FEEO %ˢ C=ˢ 2=&Fˢ =1ˢ / 1ˢ í d C ! ═ ═ ! □ □□! " ═ ═
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! □ ═ □' (ˢ 5 Fˢ D .1.ˢ /=ˢ E=1ˢ .&YN#=ˢ =1ˢ 2=ˢ 1%"ˢ F&=Eˢ 2=0
N#=2ˢ 2ˢ / 1ˢ DF1=$"=22= I ="1ˢ E=Cˢ DF$%2=Cˢ /.E /Fˢ 1%#1-ˢ =2ˢ 2=ˢ E%"E 2=ˢ
C1F1#Fˢ N#%ˢ D%#$ˢ 2=Cˢ .2=E1 %"Cˢ =1ˢ "% I "F1 %"Cˢ F#Wˢ E% I 1.Cˢ =1ˢ
F#Wˢ K#$=F#W-ˢ %"ˢ "% I I =$F 1ˢ CF"Cˢ / C1 "E1 %"ˢ / 1F2 =ˢ %#ˢ / = I 0
D $=ˢ <$F"PF C

Fˢ E%"J$.JF1 %"ˢ J.".$F2=ˢ C# &F"1=ˢ /=&F 1ˢ C %EE#D=$ˢ /=ˢ 2Fˢ
2=E1#$=ˢ =1ˢ /=ˢ 2 =WF I ="ˢ /#ˢ I F"/= I ="1ˢ /#ˢ E%"E 2=ˢ Mˢ 1%#Cˢ 2=Cˢ
/ %EQC=CSˢ %"ˢ C=ˢ C=$F 1ˢ .DF$J".ˢ 1%#1ˢ E=1ˢ = I KF$$FC-ˢ ="ˢ F/%D1F"1ˢ
I %"ˢ /.=ˢ N# %"ˢ Fˢ 1$%#&.=ˢ #C1=ˢ /=D# Cˢ .1F 1ˢ N#=ˢ 2=ˢ E%"E 2=ˢ "%ˢ
/=&F 1ˢ DFCˢ <F $=ˢ /=ˢ I F"/= I ="1-ˢ F11="/#ˢ N#=ˢ F I F Cˢ F#E#"ˢ ˢ
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$=CE F-' F# I c" =$' /=' 2 = I D=$=#$' E% I I =' $% ' / 1F2 =R-' C=' 2Q&=' =1' /= I F"/=' F#' D$.C /="1' /=' <F $=' 2=E1#$=' / #"' .E$ 1 ' 2' 2 1' #"=' C# 1=' /=' $.<2=W %"C' C#$' 2 F/$=CC=-' DF$E=' N# =22=' E%"1="F 1' /=#W' /=C' N#F1$=' F$1 E2=C' /#' E2=$J.' /%' $F"E=-' F$1 E2=C' N# =#W' 1F2 ="C' E% I KF11F ="1-' F&F ="1' D$% I C' /=' "=' DFC' F/ I =11$=-' =1' E%"1$=' 2=CN#=2C' D2#C =#$C' /=C' FCC C1F"1C' F&F ="1' ="C= J".'))' E 1F' / <<.$="1C' F$1 E2=C' N# ' D%#&F ="1-' C=2%"' 2# ' =1' F#1$=C-' Y1$=' F/ I C ' =1' .&YN#=' I .$ 1F' K ="' DF$' C%"' E%#$FJ=-' EF$' F2%$C' N# 2' =#1<2" -' %"' & 1' 2 =<<%$1' N# 2' F&F 1' <F 1-' =1' E=$1=C' E=' " .1F 1' DFC' 2=' I %L="' /=' D2F $=' M' 2F' E%#$

=' EF$/ "F2' D "F' / 1' F#' D$.C /="1' I d %"C= J"=#$-' 2' E%"+' & % 1' N#=' E=11=' $.E2F I F1 %"' 1F2 =""=' C% 1' 1$F/# 1=' ="' <$F"PF CS' =' I ="' EOF$J=S' J =1' 2' 2F' 1$F/# C 1' D%#$' 2=C' .&YN#=C' <$F"PF C

=2F' <2" -' %"1D=22 =$-' C=E$.1F $=-' 2 1' 2=' I F"/= I ="1 ' 3QC' 2=C' D$= I =$C' DFFJFDO=C' 2' C .2=&F 1' /=C' $.E2F I F1 %"C ' ! F"1=C' D$%0 D%CF' /%' 2=' 2 $=' / #"' K%#1' M' 2 F#1$=' D%#$' ="' CF C $' 2 ="C= I K2=-' =1' N# ="C# 1%' M' 2F' /=#W Q I =' 2=E1#$=' EOFE#"' L' <%$F 1' /=C' %KC=$0 &F1 %"C '))' ="' <#1' F "C ' =1' 2F' I FCC=' /%' E=C' %KC=$&F1 %"C' /=& "1' 1=22=-' N#=2 = I K%"D% "1' /%' E%' DF#&$=' I F"/= I ="1' /. M' I =CN# "' C=' EOF"J=F' %"' I F$FC I =' FKC%2#-' ["' & 1' E2F $= I ="1' N# 2' "=' IDFCC=$F 1' N# F&=E' / =W1$.$"=C' / << E#21.C-' C 2' DFCCF 1' I Y I =-' =1' /=D# C' %"' "%' C =C1' D2#C' C.$ =#C= I ="1' %EE#D.' /=' 2# ' :=' / CF C' F&F"1' 2F' 2=E1#$=' F#' E%"E 2=' =1' /F"C' 2F' E% I I CC %"' ═ ═ 1d 7$=0 "=X' JF$/=' N#=' E=' I F"/= I ="1' N# ' /% 1' DF$FZ1$=' M' 2 %#&=$1#$=' /=' 2 FCC= I K2.=' "%' DF$& =""=' /F"C' / &=$C' /.DF$1= I ="1C' N#F"/' =22=' F#$F' E=CC.' /%' & &$= ' 5

{ &$=#W-' bJ.' /=' N#F1$=+& "J1C' F"C-' M N# -' F&F"1' I %"' F$$ &.=' /=' 7F$ C-'%"' F&F 1' E%"< .' 2F' $./FE1 %"' /=' E=11=' D QE=-' " L' F&F 1' I C' F#E#"=' EOF2=#$' " ' < %$E%' / /.=C '))' F&F 1' .1.' ="1$F&=' /F"C' CF' E% I D%C 1 %"-' =1' E% I I =' E=$1F "=C' DO$FC=C-' / CF 1' #"' .&YN#=' /%' 2F' E% I I CC %"-' D%#&F ="1' "%' DFC' D2F $=' F#' EO=<-' &$=#W' / 1

7 ' :4 ; ,`)

"%K2= I E" ' İ d #CC ' =' " F ' DFC' EO=$EO .' M' <F $=' I F' E%#$ ' 5
:=' E$% C' N#=' =' I F" / = I ="1' E2' 2 F / $=CC=' C%" 1' / F" C' 2=' <2=#&=' / %#K2 ' ' 2 %"' <F 1' #" ='F#1$='F / $=CC=-' =22=' C=$F-' E% I I =' =' 2 F&F C' D$%D%C .-' / O% I I FJ=C-' /=' $=CD=E1' =1' /=' < / .2 1.' M' 2 = I D=$=#$
: %#K2 F C' /=' / $=' N# M' #"=' /=' "%C' C . F "E=C-' %#$C' /= I F" / F' C ' 2=' CE=F#' /#' E%" E 2E I 1F 1' <F 1S' F' ! %"-' $. D%" / 1' 2=' D$. C /= "1S' %"' <=$F 1' F#CC ' K ="' /=' " L' DFC' I =11$=' / FK= 22=C-' I F C' C=#2=0 I ="1' 2F' E$% W' / F"C' #"=' J2% $=-' %#' $FL%" "F"1= ' 5 =' D$. C /="1-' ! F"1=C' =1' F#1$=C' <#$="1' /=' E=1' F& C-' F "C ' N#=' 2=C' F#1$=C' FCC C0 1F"1C ' : F&F C' <F 1' E=11=' / = I F" / ='F#W' E%" <. $="E=C' D$. DF$F1% $=C' /#' E%" E 2=-' =1' 2 %"' "%' I F&F 1' DFC' C%#1="# ' =11=' <% C-' =' < C' E% I I =' C ' =' " ="' " F&F C' $ ="' / 1' ="E%$=
=' EF$ / "F2' F#$L' F&F 1' D$%D%C . -' 2%$C' /=' 2F' <%$ I F1 %"' /=' 2F' E% I I CC %"' D%#$' 2=' I =CCFJ=-' N#=' 2=C' . &cN#=C' "% I I . C' =#CC="1' &% W' / .2 K . $F1 &=' ' :=' I L' %DD%CF ' 1%#1' /=' C# 1=-' ="' / CF"1' N#=' E=C' I =CC =#$C' C=$F ="1' / F"C' E=11='F<<F $=' #J=C' =1' DF$1 =C-' D# C0 N# 2' C FJ $F 1' /=' 2 "C1 1#1 %"' EF"% " N#=' <#1#$=' / =C' . &. N#=C' $ N#=' / F 22=#$C' 2C' " . 1F ="1' N#=' D$Y1$=C ' F#$="1-' . &YN#=' "% I I . ' / =' =1X-' C ="' <bEOF' =1' / 1' N#=' E=' C=$F 1' #"=' " #C1 E=' / . ' 2=C' =WE2#$=' ' 2' <#1'$=D$ C' C . &Q$= I ="1 ' ' :F K=$1-' "% I I . ' / =' F "1+' 2%#$-' / 1' F&=E' J$bE=' N#=' 2# ' =1' C=C' E%22QJ#=C' "=' <%$ I F ="1' F#E#"=' D$. 1="1 %"' C#$' 2F' &% W' / .2 K . $F1 &=-' N# 2C' "=' &%#2F ="1' N# %K . $' F#' E%" E 2= ' =C' E%22QJ#=C' / = I F" / Q$="1' N#=' 2F' EO%C=' <bZ' 2F CC . =' 2M '))' L' F&F 1-' %#1$=' 2=C' $F C%" C' D$. E 1 . =C' / =' 2=C' =WE2#$=-' #"' I %1 <' EFEO . ' / =' I F' DF$1i' E =C1' N# ="' 2F CCF"1' F / I =11$=' E%C' D$Y1$=C-' %"' %#&$F 1' 2 ="1$. =' M' / F#1$=C-' =1' N# #"' . &YN#=' F&F 1' D$%D%C . F&F"1' 2=' E%" E 2=' / L' $=E=&% $' / =' 2F' E%" 1$=0 KF" / =-' I Y I =' F" C . " C1=' =1' E%" C1 1#1 %" "=22=
8#F" / ' 2' C FJ 1' / #' I F" / = I ="1-' F#$L' < 1' #"' E% I I ="1F $=' D=#' =WFE1' =1' =" "#L=#W' C#$' 2=' / . E$=1' / #' E%" E 2=' / %' $="1=' $=2F1 <' M' 2 =WE% I I #" EF1 %"' / %" 1' 2' <$FDD=' 2=C' CD%2 F1=#$C' / =C' K ="C

,` 72 ' :4 ;

(2 J2 C=' =1' 2=#$C' E% I D2 E=C ' "'#L.' /=' E=' < 1$FC' I F#&F C' ="' /%E1$ "=-' =' / C' M' 2F#$L' ï d %"C= J"=#$-' &%#C' F&=X' <F 1' #"' E% I I ="1F $=' C#$' 2=' /.E$=1' /#' E%"E 2=' /=' $="1=-' 2' C=$F 1' D2#C' C I D2=' / ="' 2 $=' 2=' 1=W1= '5 =' D=#' /=' I %1C' 1#F' 2=' E% I I ="1F $=S' %$/=F#W' D$ 1' 2=' E%"E 2=' =1' 2F' EO%C=' ="' $=C1F' 2M 4"' .&.N#=' / 1' M' &% W' KFCC=' F#D$QC' /=' I %' N#=' 2=' /.E$=1' /#' E%"E 2=' DFCCF 1' 2=C' K%$"=C ' :=' 2# ' $.D%"/ C' F#CC ' M' &% W' KFCC=' N#=' 2=' EF"%"' / #"' E%"E 2=' n E# I ." N#=' .1F 1' K ="' C#D.$ =#$' M' 2 F$1 22=$ =' / #"' E%"0 E 2=' "F1 %"F2

: %#K2 F C' N#=' /F"C' 2F' / CE#CC %"' /=' 2 F/$=CC=' %"' %KC=$&F' N# 2' " L' F&F 1' $ ="' N# ' DF$2b1' /=' 2F' D$ I F#1.' /#' DFD= ' #$' N#% ' % CC%"C' / 1' ï d #' E=11=' F/$=CC=' /% 1' Y1$=' C I D2= I ="1' /=' $=CD=E1' =1' / O% I I FJ=C-' /%' < /.2 1.-' %#-' C ' =22=' 1$F 1=' /=' N#=C1 %"C' 1O.%0 2%J N#=C-' %"' L' /% 1' M' D2#C' <%$1=' $F C%"' DF$2=$' /#' DFD=-' /=' CF' 2 K=$1.-' /=' C=C' D$.$%JF1 &=C ' 5

"C# 1=' E% I I ="PF' 2F' E% I I CC %"' /#' I =CCFJ=S' .& /= I I ="1' 2=' E%"E 2=' &%#2F 1' N#=' E=21=' E% I I C' C %"' #J=b1' E% I I =' =22=' F' <F 1-' EF$-' C#$' %"X=' .&YN#=C-' 2' ="' EO% C 1' O# 1' E%""#C' D%#$' C Y1$=' D$%"%"E.C' ="' <F&=#$' /=C' K#22=C' E% I I =' /$% 1' "F2 ."FK2=' /#' DFD=-' 1F"1' N#=' 2F' / CE D2 "=' J.".$F2=' /=' 2 J2 C=' "=' C=$F 1' DFC' EOF"J.=' DF$' =22=-' C% 1' ="' E%"E 2=' n E# I ." N#=-' C% 1' DF$' 2=' DFD=' F&=E' 2 FDD$%KF1 %"' /=' 2 J2 C=' / CD=$C.=

#' /.K#1' /=' E%11=' E% I I CC %"' d' /=' ! F"1=C' / 1' ï d "' D%#$$F 1' C ="' $.<.$=$' M' F' F =C1.-' C ' 2 %"' F&F 1' /=C' E$F "1=C' N# 2' " FJ$.b1' DFC' E=' N# %"' <=$F 1' =1' D%#$' FD2F" $' 2=C' / 2 E#2+' 1.C ' 5 : F$$Y1F ' 1%#1' E%#$1' ! F"1=C' =1' =' 2# ' / C' S d %"C= J"=#$-' N#=' C% I I =C+"%#C' =1' N#=22=' =C1' "%1$=' N#F2 1.' g' %22=' /=' I F"0 /F1F $=C' S E =C1' 2=' E%"E 2=' N# ' "%#C' F' E% I I C ' ! %#C' " F&%"C' DFC' / F#1$=' "1=$ I ./ F $=S' =1' E=$1=C' 2=' E%"E 2=' " F' DFC' ="1=" /#' N#=' "%1$=' E% I I CC %"' %#' N#=2N#=C+#"C' /=' C=C' I = I K$=C' 1$F +' 1FCC "1' CF"C' F#1%$ CF1 %"' /=' 2# ' F&=E' 2 = I D=$=#$ ' 5 :=' <#C

2 1 ' :_ ;H HZ.

I "Z C%# F #' /F"C E=11=' $= I F$N#=' N# ' I =' DF$FZ1' .& /="1=

.1F 1'#" N#=' /=' &% $' 2 = I KF$$FC' /=' ! F"1=C-' %#$C'=1' $Y&=C' D%#$' CF&% $' E% I I ="1' ="2F I =$' 2 F<<F $=' ! %#C' F#1$=C' 2 # 1-' "%#C' "%#C' 1=" %"C' E%#&=$1C' =1' " ."%"E %"C' $ ="' C#$' 2=' <%" /-' D%#$' F11=" /$=' 2=C' F&=#W' /=C' .&YN#=C' E%#2F"1C' ="' D$ "E D=C ' 4"' %#$' =' / C' F&=E' "2="1 %"' î d Z I FDDF$1 ="1-' .1F"1' #" ' /=C' D2#C' =#"=C' .&YN#=C' /#' E%"E 2=-' /=' D$ =$' I =CC= J"=#$C' N# ' %"1' .1#0 / .' /=D# C' 2%"J1= I DC' E=C' N#=C1 %"C-' /=' &%#2% $' K ="' "%#C' <F $=' DF$1' /=' 2=#$C' 2# I Q$=C-' =1' I =C' E%22QJ#=C' C=$%"1-' =' E$% C-' EOF$0 I .C' /%' E=' D2F" ' 5 2C' 2 FDD$%#&Q$="1 +

! F"1=C-' M' N# ' =' I .1F C' F/$=CC.' CD.E F2= I ="1-' DF$#1' E%"1="1 S' %"' F22F' EO=$EO=$' 2=' $FDD%$1' /#' E%"C= Z' =EE2.C FC1 N#=' 1="#' DF$' %$/$=' /=' F' F =C1.' ="') *) -' =1' 2M' "%#C' =] I =C' 2=C' D% "1C' / FDD#' /=C' 1$% C' "C.DF$FK2=C' $Y&=C-' %#$C' =1' ! F"1=C '))' L' F&F 1' K=F#E%#D' D2#C' /=' DF$%2=C' N#=' /=' D$=#&=C' /F"C' E=1' =WD% .-' =1' 2=C' <F 1C' <#$="1' F C.C' M' $.<#1=$ ' ="' "=' I F$EOF 1-' 2 = I D=$=#$' D$=CCF 1' 2F' /.E C %"' OFE#"' / CF 1' î d 2=CC= J"=#$C' /=' 2F' E% I I CC %"' =EE2.C FC1 N#=' %"') m) ' %"1' =#' /=C' I % C' D%#$' / CE#1=$-' C "C1$# $=' =1' $.D%"/$=' % I I ="1' =W J=$' N#=' "%#C' $.D%"/ %"C' ="' O# 1' %#$C' M' /=C' N#=C1 %"C' /%' C ' OF#1=' I D%$+' D% 1F"E=g' 5 .<2=W %"' .& /="1=' $%L=C' C .E$ F 1' $ d ! %#C' D=$0 /%"C' "%1$=' 1= I DC-' =1' F I F C' "%#C' "%' "%#C' ="1="/$%"CS' %"' " F' DFC' I c I =' D%C.' 2=C' KFC=C ' OFN#=' %#$' %"' "%#C' / 1' S = I D=0 $=#$' &=#1' E=E -' Z' &=#1' E=2FS' =1' E% I I ="1' 1$F&F 22=$' =1' C=' < W=$' C#$' /=C' / $=C' &F$ FK2=C-' C "%"' N#F"1' F#' <%"/-' /#' I % "C' N#F"1' F#' I %/=g' 5

! F"1=C' =1' %#$C' / CF ="1i' d .& 1%"C' / $$ 1=$S' 1%#1' =C1' D=$/#' C ' 2 %"' " FEE%$/=' DFC' E=' N#=' &=#1' 2 = I D=$=#$ ' =C1' 2=' EFC' /=' 2F' ".E=CC 1. ' 5 ! %#C' $.D%"/ %"Ci' d =C1' 2M' 2=' <%"/' /=' 2F' E #=C+' 1 %#S' Z' <F#1' F&F"1' 1%#1' 2F' D%C=$' =1' C L' 1=" $ ' ! %#C' D="C%"C' N#=' R' ' /=' ! F"1=C-' $Y&=C' =1' %#$C' FLF"1' $FDD%$1.' /=' 2=#$' /.D#+

1F2 %"' M F&%"=' 2F "%#&=22=' E%"C%2F"1=' N#=' 2=' DFD=' .12- 1' / CD%C.' M FEE%$/=$' 2=C' K#22=C-' I Y I =' F&=E' F$1 E2=' F/ / 1 %""=2-' 7' < #1' E% I I ="E=$' DF$' #"=' /.D#1F1 %"' /#' E%"E 2=' F#' DFD=-' D%#$' 2=' D$ =$' /=' E%"< $ I =$' E=11=' D$% I =CC=' /. M' <F 1=' F#W' =&.N#=C' /.D#1.C ' 7$=CN#=' DFC' /=' /%#1=-' / CF ="1+ 2C-' N# 7' "=' 2F' E%"0 < $ I =-' =1' 1%#1' =C1' CF#&. ' 5

2%C'=D$="F ="1'2=' D$. m /="1'=1'2=C' 1$% C' C#C"% I I .C' Î d:2F C' 2 = I D=$=#$' ; =#1' #"' /.E$=1' /#' E%"E 2=' F&F"1' /=' E%"C="1 $' M 2F' /.D#1F1 %"' ' 5 %#$"F ' 2=' D$= I =$' / 1' Î G F C' E =CK' 2=' I %L="' /=' <F $=' 1%#1' I F"N#=$S' E =C1' E% I I =' / $=' F#' DFD=' Î F' K%#$C=' %#' 2F' & =S' /%""=X' 2=C' K#22=C' %#' C "%"' "%#C' "%#C' DF CC=$%"C' /=' &%#C ' 5 =C' C#C"% I I .C' $.D%"/F ="1' =1' 2=' EF$/ "F7' =CEO' ="' DF$1 E#2 =$' Î d 7' " =C1' D% "1' / =<<%$1C' N#=' "%#C' " FL%"C' <F 1C' D%#$' ="JFJ=$' 2 = I D=$=#$' M' E%"C="1 $' M 2F' /.D#1F1 %"' /#' E%"E 2=-' F&F"1' /%' 1$F 1=$' 2F' N#=C1 %"' ="' E% I I CC %"' =1' ="' E%"E 2=-' I F C' &F "=0 I ="1 ' 6' 7' <F#1' 2=' 1="1=$' ="E%$=-' $=D$=" %"C+"%#C-' =1' "=' $ ="' % I =11$=' D%#$' L' DF$&=" $ ' 5

! F"1=C-' "1=$D=22.' DF$' [M" /' C -' .1F"1' DFD=-' #"' /.E$=1' DF$= 7' 2# ' .1F"1' D$.C="1.-' E=2F' "=' 2 "/ CD%C=$F 7' DFC-' =1' I Y I =' D2#C-' E%"1"5' 2=' E%"E 2=-! F"1=C' $.D%" / 1' N# 7' =CD.$F 1-' .2F"2DFD=-' C=/.D%# 2+' 2=$' F CC=X' ="' 1=7' EFC' /=' C%"' F I %#$+D$%D$=' D%#$' "=' DFC' Y1$=' $$ 1.' / #"=' DF$= 22=' D$%D%C 2 %"' ' $%L=C' 2#' / 1' K$#CN#= I ="1' Î d "' "=' D=#1' DFC' D$Y1=$' M' #"' C ' CF "1' O% I I =' N#=' 2=' DFD=' 2=' I %1 <' / F I %#$+D$%D$=' d

! %#C' FCC#$ %"C' / F&F"E=' N#=' 2=' E%"E 2=' "%' <=$F 1' F I F C' E=' /.E$=1-' N# 7' .1F 1' "E% I (.1="1' D%#$' EOF"J=$-N#F"1' F#W' K#22=C-' 2F' / CE D2 "=' J."$F2=' /=' 2 J2 C=' %#$C' / CF 1' Î E ; %#C' <F 1=C' DF$2=$' 2=' E%"E 2=' S D%#$' I %-' =' "%' D# C' E$% $=' N# 7' "=' C=' $=" / 1' DFC' M' 2F' <%$E=' /%' 2F' ".E=CC 1.-' F#' K=C% "' /=' 2.D CE%DF1' /F"C' 2 = I D $=' 6' ; %#C' D%#&=X' #J=$-' $.D%" / C+ =-' /%' E%N#=' <%$F' 2=' E%"E 2=' M' E=1' .JF$/' F$' 2=' $= =1-' %#' /#' I % "C' 2F' I #1 2F1 %"

7 hG ˢ :4 ; ,``

/%ˢ 2 F/$E =ˢ %2ˢ /#ˢ I F"/= I % 1 ˢ 5ˢ $%L=Cˢ F %#1F 1ˢ Sˢ G #1$=ˢ N#=ˢ E%11=ˢ N#=C1 %"+E ˢ =C1ˢ 1%#1ˢ F#1$= I ="1ˢ I F =#$=-ˢ "=ˢ E$%L=Xˢ DFCˢ N#=ˢ Cˢ I = I =ˢ 2Fˢ I F %$ 1.ˢ /=ˢ 2Fˢ E% I I CC %"ˢ .1F 1ˢ D%#$ˢ 2 "C1 1#0 1 %"ˢ /=Cˢ .&.N#%Cˢ CF"Cˢ 2=ˢ DFD=-ˢ 2=ˢ E%"E 2=ˢ #J=b1ˢ /=ˢ I c I =ˢ ; %#Cˢ F&=Xˢ &#ˢ E% I I ="1ˢ 2ˢ $.<%$ I =ˢ =1ˢ $= =11=ˢ 2=Cˢ $FDD%$1Cˢ /=ˢ C=Cˢ E% I 1.Cˢ D$.E./="1Cˢ 5ˢ D "F-ˢ FC=22ˢ <F CF ="1ˢ /=Cˢ $= I F$N#=Cˢ /#ˢ I c I =ˢ J="$=Sˢ $ ="ˢ " F&F"PF 1=1ˢ EOFE#"ˢ / CF 1ˢ F&=Eˢ I % iˢ d F $=ˢ D$.E./=$ˢ #"ˢ /.E$=1ˢ /#ˢ E%"E 2=ˢ Mˢ 2Fˢ /= I F"/=ˢ /=ˢ 2Fˢ /.D#1F1 %"-ˢ E =C1ˢ $=&=$C=$ˢ 1%#1ˢ %$/$=ˢ 5ˢ ! F"1=Cˢ =1ˢ %#$Cˢ C=ˢ $= I #F ="1ˢ F&=Eˢ 2=ˢ D$.C /="1ˢ D%#$ˢ FE1 &=$ˢ E=11=ˢ /.=ˢ /=ˢ /.E$=1ˢ Mˢ 2FN#=22=ˢ "%#Cˢ $.C C1 %"Cˢ 1%# %#$C

"< "ˢ ! F"1=Cˢ /.E2F$=ˢ Y1$=ˢ EOF$J=ˢ DF$ˢ 2 = I D=$=#$ˢ /=ˢ <F $=ˢ Mˢ 2Fˢ E% I I CC %"ˢ 2=Cˢ /=#Wˢ /= I F"/=Cˢ C# &F"1=C-ˢ F#WN#=22=Cˢ 2ˢ &%#2F 1ˢ $.D%"C=ˢ CF"Cˢ N# =22=Cˢ <#CC="1ˢ E% I I #" N#.=Cˢ F#ˢ E%"E 2=ˢ F&F"1ˢ /%ˢ 2 c1$=Mˢ 2# ˢ :=ˢ $="%#&=2F -ˢ I F Cˢ CF"Cˢ D2#Cˢ /=ˢ C#EEQC-ˢ I %"ˢ %KC=$&F1 %"ˢ N#=ˢ "%#Cˢ F& %"Cˢ bˢ "%#Cˢ $.<.$=$ˢ F#ˢ E%"E 2=ˢ C=#2ˢ =1ˢ "%"ˢ F#ˢ C%#&=$F "

:uˢ D$%D%C 1 %"ˢ =ˢ E% I 1.ˢ E$% 1+ 2ˢ N#=ˢ 2=ˢ E%"E 2=ˢ C% 1ˢ E% I 0 D.1="1ˢ D%#$ˢ $.D%"/$=ˢ F#ˢ I =CCFJ=ˢ /%ˢ 2 = I D=$=#$ˢ (C#$ˢ 2 %K =1ˢ /=ˢ 2 "C1 1#1 %"ˢ /=Cˢ .&.N#%Cˢ CF"Cˢ 2=ˢ DFD= -ˢ ="ˢ D$%"%"PF"1-ˢ /F"Cˢ 2=Cˢ E $E%"C1F"E=Cˢ D$.C="1=C-ˢ 2%ˢ E%"E%$/F1ˢ .1F"1ˢ (DF$ˢ 2 = I D=$=#$ ˢ /.E2F$.ˢ FK%2 -ˢ ="ˢ D$%"%"PF"1-ˢ / C+ =-ˢ C#$ˢ 2Fˢ I F1 Q$=ˢ /%ˢ 2 "C1 0 1#1 %"ˢ EF"%" N#=ˢ /=Cˢ .&cN#=Cˢ CF"Cˢ 2 "1=$&="1 %"ˢ /#ˢ DFD=g

Rˢ D$%D%C 1 %"ˢ = I D=$=#$ˢ /.C $=ˢ N#=ˢ 2=ˢ E%"E 2=ˢ 2#ˢ /= I F"/=ˢ 2=ˢ $.1FK2 CC= I ="2ˢ /#ˢ E%"E%$/F -ˢ Mˢ 2Fˢ EOF$J=ˢ / Lˢ "C.$=$ˢ #"=ˢ E2F#C=ˢ (D2ˢ D$.& =""=ˢ /.C%$ I F Cˢ 1%#1ˢ $=<#Cˢ F$K 1$F $=ˢ /=ˢ 2Fˢ DF$1ˢ /=Cˢ DFD=C-ˢ =1ˢ 2 = I D=$=#$ˢ =C1ˢ / CD%C.ˢ Mˢ Lˢ E%"C="1 $ˢ 2%$Cˢ 2ˢ D=$ I =11$Fˢ N# 2ˢ C% 1ˢ ="&%L.ˢ F#ˢ DFD=ˢ #"=ˢ /.D#1F1 %"ˢ E% I D%C.=ˢ / #"ˢ E=$1F "ˢ "% I K$=ˢ /=ˢ EF$/ "F#Wˢ =1ˢ / .&cN#=Cˢ EOF$J(Cˢ /=ˢ 2#ˢ D%$1=$ˢ 2=ˢ /.E$=1ˢ /#ˢ E%"E 2=Sˢ /F"Cˢ 2=ˢ EFCˢ %aˢ 2=ˢ DFD=ˢ Lˢ FEN# =C0 E=$F 1-ˢ 1%#1ˢ C=$F 1ˢ 1=$ I ".ˢ I c I =ˢ Mˢ 2Fˢ CF1 C<FE1 %"ˢ /=ˢ = I D=+

$=#$‘ C ‘ 2=‘ DFD=‘ C L‘ $=<#CF 1-‘ 2=‘ /$% 1‘ /=‘ /%" "=$‘ 2 "C1 1#1 %"‘ EF"%" N#=‘ F#W‘ .&YN#=C‘ D$%& C% $= I ="1-‘ =1‘ #CN# M‘ /.E C %"‘ / #"‘ E%"E 2=‘ nE# I ." N#=-‘ C=$F 1‘ /.&%2#‘ F#W‘ I .1$%D%2 1F "C‘ ="‘ &=$1#‘ /#‘ /.E$=1‘ /#‘ E%"E 2=

"‘ &% 1‘ E% I K ="‘ E=C‘ /=#W‘ D$%D%C 1 %"C-‘ C#$1%#1‘ 2F‘ /=$" Q$=-‘ .1F ="1‘ &FJ#=C‘ =1‘ $= I D2 =C‘ /=‘ E%"1$F/ E1 %"C‘ $ E% I K ="‘ =22=C‘ .1F ="1‘ 2%#EO=C‘ / #"‘ Er2%‘ =1‘ 1$%D‘ E2F $=C‘ /=‘ 2 F#1$=

8 #F"1‘ M‘ 2F‘ D$= I Q$=-‘ =22=‘ <#1‘ /.E /.=‘ DF$‘ 2F‘ ".JF1 &=‘ /=‘ O# 1‘ E%"1$=‘ 1$% C‘ /QC‘ 2=‘ I % I ="1‘ N# %"‘ 2F‘ D$.C="1F-‘ =1‘ E=11=‘ mF %$ 1.‘ & &F$ F‘ F I F C‘ #CN# M‘ /.E C %"‘ < "F2=‘ E&+‘‘ .1%" "F"1=s‘ 2‘ C= I K2=‘ N#=‘ 2=C‘ 1$% C‘ .&YN#=C‘ /]‘ E%"C= 2‘ =EE2.C FC1 N#=‘ /=‘)*) ‘ .1F ="1‘ K ="‘ □‾ ! N‾ □$□ ‘‘ D="/F"1‘ N#=‘ "%#C-‘ N# ‘ /=& %"C‘ I % "C CF&% $‘ 2F‘ N#=C1 %"-‘ .1F"1‘ F2%$C‘ =1‘ #CN# F#‘ E%"0 E 2=‘ /F"C‘ "%C‘ / %EQC=C-‘ 2 F& %"C‘ E$=#C.=‘ D$%<%"/. I ="1‘ =1‘ D2= "=0 I ="1‘ $.C%2#=

‘ 2F‘ /=#W Q I =‘ C.F"E=-‘ %$/=F#W‘ E 1F‘ 2=‘ <F 1‘ /=‘ 2 J2 C=‘ /%‘ 7%$1#JF2‘ ="‘) % -‘ =1‘ %"‘ E%"E2#1‘ N#=‘ 2=‘ E2=$J.‘ /=‘ $F"E=‘ " F&F 1‘ DFC‘ &%#2#‘ C1F1#=$‘ C#$‘ 2F‘ N#=C1 %"‘ /=C‘ K#22=C‘ CF"C‘ 2=‘ DFD=‘ $ 2‘ F %#1F‘ N#=‘ 2 FCC= I K2.=‘ /=‘) * ‘ C FDD#LF‘ /=‘ 2F‘ $.C=$&=‘ /%‘ E=22=‘ /=‘) ` -‘ D%#$‘ C=‘ K%$"=$‘ M‘ /= I F"/=$‘ /=C‘ K#22=C‘ F#‘ DF E‘ CF"C‘ F22=$‘ F#‘ /=2M

D$QC‘ N#=2N#=C‘ EO EF"=C‘ =1‘ F$J#1 =C‘ /=‘ !F"1= C-‘ %#$C‘ =1‘ $Y&=C-‘ %#$"F ‘ 2#1‘ #"‘ I . I % $=‘ 1$QC+K ="‘ $F C%"".‘ C#$‘ 2=‘ /%#1=‘ 2.J 1 I =‘ N#=‘ 1%#1=‘ "C1 1#1 %"‘ EF"%" N =‘ / .&YN#=C‘ CF"C‘ K#22=C‘ D%"1 < EF2=C‘ "=‘ I F"N#=$F 1‘ DFC‘ /=‘ EF#C=$‘ /F"C‘ 2=CD$ 1‘ /=C‘ I .1$%D%2 1F "C-‘ C#<<$FJF"1C-‘ D$Y1$=C-‘ < /Q2=C$‘ 2‘ D$.C="1F‘ E=1‘ F$J# I ="1-‘ C ‘ <%$1‘ C#$1%#1‘ ="‘ I F1 Q$=‘ /=‘ CFE$= I ="1C-‘ 1=2C‘ N#=‘ 2 FKC%2#1 %"-‘ 2 %$/ "F1 %"‘ =1‘ F#1$=C-‘ %a‘ 2=‘ /%#1=‘ " =C1‘ DFC‘ F/ I C‘ N#F"1‘ F#‘ D%#&% $‘ /=C‘ I " C1$=C ‘ 2‘ FDD#LF‘ C#$‘ 2=C‘ FJ 1F1 %"C-‘ 1$%#K2=C-‘ F"W .1.C‘ N# ‘ $=C1=$F ="1‘ /F"C‘ 2 b I =‘ /=C‘ D$.2F1C-‘ /=C‘ =EE2.C FC1 N#=C‘ =1‘ 2FVN#=C‘ $=2F1 &= I ="1 M‘ 2F‘ &F2 / 1.‘ /%C‘ FE1=C

Y ' S ' [WS , D9:

/ =' E=C' "C1 2# . C ' C="C' 2=' DFD=' 'Z F" "%" PF' /=C' / & C %" C' DF$ I ' 2=C' < / Q2=C-' =1' / 1' N#=-' I Y I =' =" ' C=' $. / # CF" 1' F#' /%#1=-' 'Z C#<< 0 CF 1' =" ' 1=22=' I F1 Q$=' D%#$' C FKC1=" $' /=' EOF" J=$' 2F' / CE D2 "= ' 'Z " =' 2F CCF' DFC' / F 22=#$C' J" %$=$' C%" ' C="1 I =" 1' N# 'Z L' F&F 1' " %" +' C=#2= I =" 1' /%#1=-' I F C' "E% I D . 1=" E=' FKC%2#=' =1' $F / EF2=-' 1F" 1' /F" C' 2=' E%" E 2=' "F1 %" FZ' N# ' <=$F 1' 2=' / . E$=1' / #" =' "C1 1#1 %" ' EF" %" N#=' / 22 . $=" 1=' / =' E=22 / @E%" CFE$. =' DF$' 2F' / CE D2 "=' J . " . 0 $F2=-' N#=' / F" C' 2=C . &cN#=C' =1' F#1$=C' E2=$ECN# ' F / K . $=$F =" 1M' #" ' 1='Z' / . E$=1' / #' E%" E 2= ' =' I . I % $=-' E2F $-' I . 1O% / N#=-' <%$1' / ='$F 0 C%" "= I =" 1-' < 1' K=F#E%#D' / I D$=CC %" ' =1' D=$C%" "=' "Q' 2=' $. <#1F

! F" 1=C' C=' I 1' FD$QC' M' C#K1 2 C=$' C#$' 2F' " . E=CC 1 . ' %a' C=' 1$%#0 &F =" 1' 2F' $F" E=' =1' 2=' $%LF# I =' / 1F2 =' / F1% $' / =C' . &YN#=C ' :=' 2# ' $. D%" / C' CF" C' E$F "1=' N#=' E=21=' " . E=CC 1 . ' &=" F 1' / =' 2 = I 0 D=$=#$' =1' "%" ' / #' DFD=-' D# CN# 'Z F&F 1' $. E= I I =" 1' D$% I C' M' I =CC= J" =#$C' / =' 2F' / . D#1F2 %" ' N# 'Z / %" " =$F 1' / =C' K#22=C' F#W' . &YN#=C' "% I I . C ' : F %#1F ' N#=' 2 F#1=#$' / %' 2F' " . E=CC 1 . ' =1' N# ' F&F 1' 2=' I %L=" ' / =' 2F' 2=&=$' / =' C# 1=' "=' D%#&F 1' " ' "= / =&F 1' =" ' D$%< 1=$ ' %#$C' $. D%" / 1' $ d =' " =C1' DFC' D%#$' 2 = I DQ$= $' N#=' 2=' E%" E 2=' 2=' <=$F-' I F C' D%#$' 2 J2 C= ' 5 "' 2# ' $=DF$1 1' N#=' 2F' N#=C0 1 %" ' . 1F 1' / =' CF&% $' S) j' C ' 2=' E%" E 2=' . 1F 1' F#1%$ C . ' F =' <F $=S' j' N#=' I Y I =-' =" ' E=' EFC-' %" ' "=' D%#&F 1' L' $=E%#$ $-' &#' 2F' D$%0 I =CC=' / #' DFD=' / =' / %" "=$' / =C' K#22=C ' 2%$C' 2=' D$. C / =" 1' / 1' F&=E' "F &=1 . ' i d <<=E1 &= I =" 1' 2F' N#=C1 %" ' =C1' / =&=" #=' K =" ' D2#C' / << E 2=' / =D# C' 2F' / . D#1F1 %" -' EF$' F&F" 1' =22=' %" ' D%#&F 1' / $=' N#=' 2=' DFD=' $=<#CF 1' 2=C' K#22=C-' =1' I F "1=" F" 1' 'Z D$% I =1' / =' 2=C' / %" "=$ ' #CC ' 2 = I D=$=#$' &%#C' F+1+ 2' / 1S' d Z2=CC= +' d J" =#$C-' q%#C' F&=X' <F 1' 2M' #" ' K='Z %#&$FJ=-' &%#C' " F&=X' +<F 1' d " ' I =C' F<<F $=C-' " ' E=22=C' / =' 2 J2 C= ' 5

! F" 1= C-' = I KF$$FCC . ' / %' 2F' / . E2F$F1 %" -' %KC=$&F' N#=-' DF$' #" =' 2=11$=' / #' D$. <=1' / =' F&%" =-' F' F " 1=1 . ' DF$F CCF 1' O . C 1=$-' N# =22=' F&F 1' / 1' S d 8 ! 3 □ □ □ □ ' " 5 =1' N#=' = I D=+

S3: 7 H ' :_ 2 ;

$=#$' &%LF 1' E=2F' E% I I =' #"' E% I I ="E= I ="1' / C / .CF&=#' /=' 2F' D$% I =CC=' /#' DFD=' N#F"1' F#W' K#22=C

D "F-' FC=22 ' =1' F#1$=C' $=D$ $="1' N#=' /=C' (2#E1#F1 %"C' =1' /=C' F"W .1.C' /=' 2F' DF$1' /#' CF "1+DQ$=' " .1F ="1' DFC' #"' / .CF&=#' /=' CF' D$% I =CC=

%#$C-' / #"' 1%"' 1$F"EOF"1-' / CF 1' ï G F C' ?' <F#1' CF#&=$' 2 J2 C=-' =1' F&% $' /=C .&.N#=C ' 6 ' F1O%2 N#=C-' 2# ' $.D%" / F 1+%"' /=' 1%#1=C' DF$1C-' =1' "%"' CEO C I F1 N#=C-' %#' /#' I % "C' /%#1=#W' N#F"1' ' 2 "C1 1#1 %"' =1' F#W' D%#&% $C' N# ' ="' . I F"="1 ' 5

! F"1=C'C . I F"E DF' #CN# M' / $=' d 8# I D%$1='N#=' 2F' ". E=CC 1.' & ="" =' /#' DFD=' %#' /=' 2 = I D=$=#$ ' d %$/=F#W-' V$% L=C ' FC=22 -' D "F-' F" / -' &$.=' 2# ' < $="1' C="1 $' 2F' / <<.$="E=' =1' N# "E%"+' 1=C1FK = I ="1-' 2=' DFD=' E%"C="1F"1' F#W' K#22=C-' #"=' ".E= CC 1.' CF"C' I %1 <' /=' 2F' DF$1' /#' C%#&=$F "' "=' D%#&F 1' Y1$=' F/ I C=' E% I I =' FDD# ' C#<< CF"1' / #"' EOF"J= I ="1' /F"C' 2F' / CE D2 "=' J." .$F2= '

%#$C' DF$2F' 2%"J#= I ="1' =1' / 1' D2#C' /=' I %1C' N#=' / /.=C

))' L' F&F 1' 2%"J1= I DC' N#=' F&F C' /= I F" / .' / =2 $=' #"' I . I % $=' C#$' 2F' N#=C1 %" ' :=' $. 1.$F ' E=22=' /= I F" /= ' ! F"1=C-' D%#$' 2 .EF$1=$-' / 1' N#=' 2C ' /=' %#$C' F&F 1' /=C' "%1=C' C#$' 2 %K =1' N#=' 2 %"' / CE#1F 1 ' %#$C' / 1' F&=E' O# I =#$' $ d : C ' /=' F" /' DF$FZ1' D$=CC.' /%' 2 $=' C%"' %#&$FJ=-' =' 2# ' EQ/=' 2F' F$%2= ' 5 :=' 2# ' $.D%"0 / C' F&=E' EF2 I =' ï É %"C= J"=#$-' ?' L' F' #"=' /= I +O=#$=' N#=' "%#C' F&%"C' 2=' D2mF C $' /=' &%#C' ="1=" /$=-' ?' L' F' #"=' O=#$=' N#=' F ' /= I F" /.' M' Y1$=' ="1=" /# ' 5

=' D$.C /="1' I =' /%""F' 2F' DF$%2=S' =' 2#C' D=" / F"1' #"=' O=#$=' /=' C# 1=-' CF"C' "1=$$#D1 %"-' #"' I . I % $=' C#$' 2 "E% I D.1="E%' /#' E%"E 2=' "F1 %"F?' M' / .E$.1=$' #"' F#1$=' I %/=' / "C1 1#1 %"' EF"%0 " N#=' CF"C' 2 "1=$&="1 %"' /#' DFD=-' I Y I =' 2=' E%"E%$/F1' .1F"1' / .E2F$.' FK%2 ' %"' =W%$/=' $%#2F' C#$' 2 FCC#$F"E=' N#=-' N#F" /' =' C=$F C' F#CC ' I 2 22 .$="1' D%#$' 2F' $=2 J %"' (f1 = = ' 2# ' .1F C' / .&%#.-' 2=' C=#?' /=&% $' /=' EF1O%2 N#=' I %K2 J=$F 1' M' / .1%#$"=$' /=' 1%#1=C

7 9 ' :4 ; , B

" %C' <%$EDC' 2 "% "=C#$E' <F1F2=' M' 2F' 1$F"N# 22 1.' (2=C%gD$ 1C' =1' /=C' E%"CE ="E=CS' N# F "C -' FKC1$FE1 %"' <F 1=' C' 2=' E%"E 2=' F&F 1' %#' "%"' 2=' D%#&% $' /%' EOF"J=$-' I Y I =' D$%& C% $= I ="1-' 2F' / CE D2 "=' J."."$F2=' C#$' 2 "C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C-' 2F' CF "=' D%2 0 1 N#=' C=#2=' / E1F 1' /=' "=' DFC' 1="1=$' #"=' I =C#$=' <#"=C1=' M' $h 1F1' %"' I . I % $=' .1F 1' / & C.' ="' E "N' F$1 E2=C' i' 2=' U' N#=' 2F' / CE D2 "=' /=' 2 "C1 1#1 %"' U.F"%" N#%' DD$' 2=' DFD=' .1F 1' J."."0 $F2=-' =1' F&F 1' 2=C' EF$FE1Q$=C' N#' /%""="1' <%$E=' /=' 2%' M' #"=' E%#1# I =' : "/ N#F C' E=C' EF$FE1Q$=C' =1' L' F %#1F' /=' <%$1=C' D$=#&=C' /=C' E%"E 2=C-' =1E' =' F$1 E2=' E 1F 1' CF "1' & 1' =1' CF' <F I =#C=' 2=11$=' %a' 'i' 1%""=' E%"1$=' 2=C' .&YN#=C' / 1F2 =-' N# 'i' C#DD%CF 1' F&% $' #J.' 2=' DFD=' L I I FN#=S' C#$' 2%' E%"E 2=' "F1 %"F2-' ="' * ' C%#C' 2 "$2= I FJ"=-' /=C' .&YN#=C' /=' $F"E=' =1' / 1F2 =' E% I I =' 2=' "c1$=-' %a' 2=' E%"E 2=' /.E2F$F 1' "=' D%#&% $' #J=$' .%"' -' I F C' N#=' 1%#C' 2=C' E%"E 2=C' "F1 %"F#W' =1' .&YN#=C' D%#&F ="1' Y1$=' #J.C' DF$' 2%' CF "1+C QJ=' :=' I %"1$F' 2F' DF$ 1.' ="1 Q$=' /=' E=' EFC' =1' /#' "c1$=' $ =<C' ="' * ' E%"1$=' .%"' ' $ =<C' ="')*))' E%"1$=' 7 =' ; ' 8#=' C' 2 = I D=$=#$' FEE#CF 1' 2=' DFD=' / F&% $' & %2.' 2%' E%"E%$/F1-' 2=' DFD=' ="' / CF 1' F#1F"1' /=' 2 = I 0 D=$=#$' 8#' "%#C' F&F 1' "C1 1#.C' #J=C' ="1$=' =#Wg' ! %1$=' C=#' $c2=' .1F 1' E=2#' /=' E%"E 2 F1=#$C' ="1$=' 2=C' /=#W' D# CCF"E=C' =' F$1 E2=' D%$1F 1' C#$' 2=' $.C# I .' /=C' $=<C' /=' 7 =' ; -' /F"C' 2 F<<F $=' /=' 2F' E%"C1 1#1 %"' E & 2=' /#' E2=$J.-' %a' E=' J$F"/' DFD=-' E% I I =' "CD $.' /=' 3 =#-' F&F 1' $.<#1.' / F&F"E=' 1%#1=C' 2=C' $# =C' 1%#C2=C' D$.1=" /#C' FDo # C' /=' 2 "C1 1#1 %"' EF"%" N#=-' CF"C' K#22=C' D%"1 < 0 EF2=CS' F %#1F' N#=' E=C' K$=<C' F&F ="1' .1.' $=L#C' DF$' 1%#1=' 2 HJ2 C=' EF1O%2 N#=-' ="' DF$1 E#2 =$' DF$' E=22=' /=' $F"E=S' N# 2C' .1F ="1' /%E0 1$ "F#W' =1' F&F ="1' .1.' FDD$%#&.C' "%1F I I ="1' DF$ <' /=' %#$C-' F2%$C' .&YN#=' /=' $%&=C-' =1' N#= C' /=' ! F"1=C-' F2%$C' D$%<= CC=#$' ="' " K" "=-' L' F&F 1' F/2 .$.' :=' D$%#&F C' N#=' 2=C' K$=<C' .1F ="1' /%E1$ "F#W-' /%"E' $QJ2=' /=' <" -' E% I I =' 1%#1=' /.E C %"' /%E1$ "F2=

/ #"' DFD=' FEE=D2.=' DF$' 2 J2 C=' =2 E=2F' /F"C' =' C="1 I ="1' /=' 2 J2 C=' JF22 EF"=' =' , ' F$1 E2=' D%$1F 1C#$' 2F' E%" /# 1=' /#' E2=$J.' /=' $F"E=' ="') F ' =1') * ' =1' /=D# C-' =1' ="' 1 $F ' 2=C' E%"C.0 N#="E=CS' =' D$%#&F ' N#=' 2=' /$% 1' / "C1 1#1 %"' EF"%" N#=' &="F 1' /=' 2F' D$ I F#1.' =1' #$ / E1 %"' /#' DFD=-' =1' E=' DF$' 2=C' <F 1C' / F"0 1 N# 1.' J$=EN#=' =1' 2F2 "=-' =1' 2=C' F&=#W' /=' 2 J2 C=' /=' $F"E=' :=' E 1F ' %CC#=1-' C=$ I %"m#$' 2 #" 1. ' =' F$1 E2=' $.<#1F 1' 2=' D$%& 0 C% $=' N#=' %#$C-' ! F"1=C' =1' $Y&=C' /= I F" /F ="1' N# %"' FEE%$0 /b1' D%#$' 2 "C1 1#1 %"' EF"%" N#=' CF"C' 2=' DFD=' :=' D$%#&F ' CF"C' D= "=' N#=' E=' D$%& C% $=' /F"C' 2=C' I F "C' /=' 2 = I D=$=#$' .1F 1' #"' FKC%2# ' :=' KF11 C' =%' $# "=' 2 F$J# I ="1' /=' 2F' ".E=CC 1.' = ' D$%#0 &F"1' N# 2' " L' ="' F&F 1' D% "1' E% 1$E' 2F' $QJ2=-' =1' =' E 1F ' % 5C#=1' N# ' 2=' /.E2F$=' :=' 1=$ I "F ' DF$' #"=' =WO%$1F1 %"' <%$1=' /=' C="1 0 I ="1' =1' F" I .=' M' I =CC= J"=#$C' /=' "=' DFC' <$F"EO $' 2=C' K%$"=C' D%C.=C' DF$' "%C' F"EY1$=C-' =1' =' /.E2F$F ' N# 2' C FJ CCF 1' /%' CF&% $' C ' 2F' $F"E=' =1' 2 #$%D=' I c I =' $=C1=$F ="1' EF1O%2 N#=C-' %#' 1% I K=$F ="1' /F"C' 2=' CEO C I =' :=' E%"E2#C' ="' /.E2F$F"1' 2 "0 E% I D.1="E=' ="1 Q$=' /#' E%"E 2=' M' /.E /=$' E=11=' N#=C1 %"

=' I . I % $=-' /%"1' ='<F C' $FD /= I ="1' #"=' F"F2LC=' "E% I D2c2=-' <$FDDF-' . I #1-' < 2' #"=' I D$=CC %"' .1%""F"1=' C#$' 2F' E% I I CC %"-' I c I =' C#$' 2=C' %DD%CF"1C ' %#$C' 2=' D$= I =$' / 1S' d))' L' F' 2M' K=F#0 E%#D' / =CD$ 1-' '" ! F"1=C' F# CC 1%1' 5 d 2' K=F#E%#D' /%' /%E1$ "=' 5 %#$C' F %#1F' i d =D="/F"1' C ' g' /%' F"/' &%#2F 1' /%"'="=$' 2=' I . I % $=-' D=#1+Y1$=' N#=' ! F"1=C-' $Y&=C' =1' I % -' D%#$$ %"C' 2=' $.<#1=$ ' 5 :=' / C' N#=' =' "=' 2=' $=<#CF C' "#22= I ="1-' I F C' N#=' E%D =' / #"' 1=2' 1$F&F 2' " .1F 1' DFC' 2 F<<F $=' / #"' %#$S' =1' =' " F %#1F ' DFC' N#=' =' 2 F&F C' .E$ 1' ="' /%#X=' O=#$= C-' 1F"1' =' I .1F C' / F&F"E=' D."1$.' /#' C# =1

%#$"F ' F&F 1' %<<=$1' F#CC ' E%D =' /=' C%"' I . I % $=

F' I F %$ 1.' /=' 2F' E% I I CC %"' .1F 1' E%"1="1=' /=' I =C' D$ "E D=C' =1' /=' 2F' I F" Q$=' /%"1' =' 2=C' F&F C' =WD%C.CS' 2=C' C=#2C' %DD%CF"1C

F&F ="1' 2 #$= 22c' KFCC= ' F' / CE#CC %"' E%"1 "#F"1-' =' / C' N#=' E .1F 1' 2=' <$# 1' /=C' $=E2 =$EO=C' <F 1=C' DF$' /=' CF&F"1C' 2 % I I =C' =1' DF$' I %' /=D# C' #"=' F"". =' %#$C' =' <bEOF' /#' I %1' CEO C I F0 1 N#=' N#=' F&F C' = I D2%L.-' N#F"1F' 2 "C1 1#1 %"' CF"C' 2=' DFD=-' =1' C FDD2 N#F' E=' I %1' CEO C I F1 N#= ' 7' D$ 1' /=' 2 O# I =#$' =1' I =' <1' #"=' = CDQE=' /=' C=$ I %"' K%#$# ' :=' 2# ' / C' F#' K%#1' / #"' N#F$1' / O=#$=' /=' DF1 ="E=' í % %"C= J"=#$-' F#$F C' 1$%#&.' 1$QC+C I D2=' N#=' &%#C' I =#CC =X' F&=$1 ' N# #"=' /=' I =C' =WD$= =C %"C' &%#C' F&F 1' /.D2#'$ I F C' N#F"1' M' C#DD%$1=$' DF$= 2' C=$ I %"' /=' &%1$=' DF$1-' =' "=' 2=' /% C' DFC-' EF$' ="< "' -' C ' &%#C' Y1=C' F$EO=&YN#=-' =' C# C' .&YN#= ' 5' D "F' =1' ! F"1=C' / $="1' N#=' F&F C' K ="' <F 1' / = I D2%L=$' 2=' I %1' CEO C I F1 N#=-' D# CN#=' =' D="CF C' F "C -' =1' N# 7' <F22F 1' / $=' 2=' I %1' 1=EO" N#= ' %#$C' / 1' í d ' F ' DF$2.' 1$%D' & &= I ="1' M' C ' /=' F"/-' =' 2# ' %"' <F C' &%2%"1 =$C' = WE#C=' 5

' 2F' EF#C=' =] 1' .1.' I % "C' J$F&=-' 7' L' F#$F 1' =#' /=' N#% ' $ $=' /=C' "F &=1.C' /=' %#$C'=1' /%' ! F"1=C ' =' /=$" =$' / CF 1i' d ' 2=E%"+' E 2=' "=' <F 1' DFC' /=' /.E$=1' F&F"1' 2F' /.D#1F1 %"-' 2 %" (=$=#$' / $F' N#=' "%#C' 2 F&%"C' %#. ' 5' =2F' "%#C' F222 J%F 1' F#W' 2F$ I =C-' E% I I =' %"' 2=' D=#1' E$% $= ' =C1' N#=' E=C' 1$% C' C= J"=#$C' F&F ="1' FDDF0 $= I I ="1' D$% I C' / F&F"E=' F#' C%#&=$F "' N#=' 2=' E%"E 2=' C=$F 1' K%"' ="<F"1-' =1' FEE%$/=$F 1' 1%#1' CF"C' C=' <F $=' 1 $=$' 2 %$= 22=' ! %1$=' D2#C' J2' F"/' = I KF$$FC' .1F 1' /%' "=' DFC' $ $=' /%C' /%#2=#$C' /=C' %DD%CF"1C ' %#$C' F&=E' $#/=CC=' / CF 1' I d %#1' =C1' D=$/#-' F/ =#' 2 .D CE%DF1' ="' $F"E=2' d $%L=C' $.D%"/F 1' I ' ! %"-' $ ="' " =C1' D=$/#' 5 2 1' I %' /=' C# 1=' M' %#$C' í d 7 □ □ N¯ □ □"□?□□ ¯ □ 8 □D' ! =C1=' 7' DFC' /=' <%' N#=' 2 h J2 C=' F#$F' #CN# M 2F' < "' /=C' C QE2=C' #"' EO=<' & C K2=' =1' /=C' .&YN#=Cg' 5' D "F-' F&=E' #"=' 2%J N#=' /%#E=' I F C' D$=CCF"1=-' / CF 1' í d ' 2=E%"E%$/F1' =C1' FK$%J.-' &% 2M' 2=' /$% 1' /=' "% I "F1 %"' I D.$ F2=' < "' '$ %"' %#$$F 1' 2%"1=$' F#D$QC' /#' DFD=' N# 7' FEE%$/b1' F#W' E%"E 2=C' $%& "= F#W' 2=' /$% 1' / "C1 1#=$' 2=C' .&YN#=C' "% I I .C' DF$' 2F' &% =' /#' I .1$%D%2 1F "-' =1' =' C# C+

, 729 ' :4 ;

D=$C#F/.' N#='2='DFD='FEE./=$F 1 ' =C'%DD%CF"1C' "%'C='D$="F ="1' DFCM'E=22 F I =&%" ' FC=22 '/ CF 1i' d F C'<F $='2='/.E$=2/ F&F"E=-' E =C1' #J=$' N#='2='DFD='F' 1%$1 ' 5 =C' %CF"1C' 2='" F ="1-' =1' ! F"1=C' C ="1%$1 22F 1' /F"C' /=C' DO$FC=C' E% I I ='#"' C=$D="1' D%#$' D$%#&=$-' I F C' ="' &F "-' N#='<F $='2='/.E$=1' " .1F 1' DFC' /.E2F$=$' N#=-'/F"C' 2=#$C' N#=$=22=C' I #1#=22= +-' 2 = I D=$=#$' F&F 1' $F C%"' =1' 2='DFD='1%$1 ' F2J$.'1%#1=C' 2=C' $#C=C' =1' C%DO C I =C'/='! F"1=C-' %"' 2='$=E%""FZ1'1%# %#$C' M' E=' #J= I ="1' E%"1$='2='DFD=

"1.$ I -'=1'D%#$' &F$ =$ ' %#$C'2#1'N#=2N#=C' "%1=C' E%"1$=' I %"' I . I % $=S' Z' "E /="2F 1' C#$' /=C' E 1F1 %"C-' =1' F11FN#F 1' "%"' 2=C' KFC=C' /#' C="1 I ="1-' I F C' N#=2N#=C' FEE=CC% $=C ' ! F"1=C' 2 CF 1' /=C'2F I K=F#W' /=' %CC#=1'D%#$' "< $ I =$'2=C' 1=W1=C'/%"1' =' I .1F C' FDD#L.S' 1%#C' /=#W' E%"&="F ="1' N#=' I %"' I . I % $=' F&F 1' <F 1' #"=' J$F"/=' I D$=CC %"' C#$' 2 FCC= I K2.=' :=' $.D%" / C' <$% /=0 I ="1'î G =' 1= I DC' /=' 2F' E% I I CC %"' =C1' 1$%D' D$.E =#W' D%#$' 2 = I D2%L=$' M' 2F' $.<#1F1 %"' /%' E=' N# %"' F22QJ#=' E%"1$=' I =C' FCC%$1 %"CS' / F 22=#$C' =' $= I =$E =' I =CC= J"=#$C' /%' 2F' D= "=' N# 2C' C=' /%""="1' /=' I .E2F $=$ ' 5 %#$"F ' / CF 1' N#=-' 2F CCF"1' /%' E%1.' I =C' aCC=$2 %"C' D%#$' 2=' I % I ="1-' Z' D$ F 1' N# %"' $.<#1b1' C%"' I . I % $=-' C#$' 2='/%#1='/#' D%#&% $' /=C'.&YN#=C' N# ' C=$F ="1' CFE$.C' DF$' /.E$=1' /#' E%"E 2=-' =1' C#$' 2F' "#22 1.' D$=CN#=' E=$1F "=' /=' 1%#C' 2=#$C' FE1=C-' F "C ' N#=' C#$' 2=C' F"W .1.C' F#WN#=22=C' 2C' /%""=$F ="1' 2 =# ' =C' % D%CF"1C' JF$/F ="1' #"' I %$"=' C 2="E= ' $Y&=C-' /%"1' 1%#1' 2=' I F2O=#$' =C1' N#=' ! F"1=C' F' C#K #J#.' #C0 N# M' CF' D="C.=-' %OC=$& F' N#=' 2=' C=#Z' $= I Q/=' F#W' I F#W' FE1#=2C' /=' 2 J2 C=' .1F 1' #"=' /.D#1F1 %"' F#' DF %' S' E=11=' D$%D%C 1 %"' $="%#&=2.=' D%#$' 2F' E="1 Q I =' <% C' D2#1' E=22=+E ' DF$E=' N# =22=' &="F 1' / #"' .&YN#=' FJ$.FK2=' F#' DF$1 ' 3. M' 1%#1' I F$EOF 1' =1' $%L=C' / CF 1' F&=E' $F C%"' î d ! %#C' C=$%"C' E ' N# "X=' %#$C-' 1$% C' C= I F "=C-' N#=' "%#C' " F&F"E=$%"C' DFC' / #"=' 2 J"= ' F' /.D#1F0 1 %"' =C1' 2=' C=#Z' I %&="' /=' C%$1 $' / = I KF$$FC ' 5

7 2 1 2 Z ' : _ ; h ' ,

%' D $. C / % " 2' F J $. F 1' 2 / . = -' = 2 2 = ' D 2 F C F 1' M' 1 % # C - ' 2 % $ C N # = ' ! F " 1 = C - ' / % " 1' E = ' " . 1 F 1' D F C' 2 = ' E % I D 1 = - ' C = ' =11= ' M' 2 F' 1 $ F & = $ C = ' =1' F & = E' FC1#E=' D%C=' E=11=' N#=C1 %"' ï d ' / F " C' 2=' EFC' / =W1$Y I =' " . E=CC 1.' %"' "=' D%#&F 1' DFC' C=' DFCC=$' / =C' K#22=C' D%"1 < EF2=Cg' 5 %#$0 "F -' %$/=F#W-' D "F-' F"/-' $. D % " / $=" 1' =" ' &F "' ï d 7 %#$N#% / = C' FKC1$FE1 %" Cg' N# =C1+E%' N# =' 2 =W1$Y I =' " . E=CC 1. g' =C1%" C' M' 2 / . =' / =' 2F' / . D#1F1 %"' N# ' CF#& =' 1%#1 6 ' F C-' $=D$=" F 1' ! F " 1 = C - ' 2 = I D = $ = #$' "=' &%#/$F' F I F C' / =' / . D#1F1 %"' F#' DFD=' N# FD$QC' / . E$=1 ' 5 %#$C' FDD#LF 1' 2 FCC=$1 %"' / % ' ! F " 1 = C ' : =' 2 = #$' / C' id' =C+' C= J " = #$C-' =' "=' D# C' FCC=X' I .1%" "=$' N# =' &%#C' <FCC =X' DFE2=$' 2 = I D = $ = #$' / #"' 1%"' C ' FKC%2#S' 2=C' &%2%" 1 . C' / =C' O% I I =C-' =1' / =C' J$F" / C' O% I I =C' E% I I =' / =C' F#1$=C-' C%" 1' C# =11=C' M' EOF" J=0 I = "1C ' 5 %#$" F -' $%L=C' =1' F" / ' D2F / Q$=" 1' F#' I % " C' 1$% C' N#F$1C' / O=#$=' D%#$' C %DD%C=$' M' 2F' I .1FDOLC N#=' / =' ! F " 1 = C ' 2' / CF 1' F&=E' #"' 1%"' C#< CF" 1' ï d F C' E =C1' 2 %$/$=' / =C' / . =C-' / =' E% I I = "E=$' DF$' #" =' D$%D%C 1 %"' J . " . $F2=-' = "C# 1=' %"' D%C=$F' 2F' I "=#$=' /%' 2 F$J# I = "1-' CF&% $' $ C ' 2 =W1$Y I =' " . E=CC 1. ' F' 2 =#' / F" C' "%C' E $E%" C1F" E=C ' 5 =CE2 -' D$. C / = "1-' &%#2#1' N#=' E%11=' D$%0 D%C 1 %"' / =' ! F " 1 = C' <] 1' =WF I " . =-' =1' 2F' C=E%" / =' C . F " E=' < " 1' 2M "1$=' 1= I DC-' 2=' E%" E 2=' .1F 1' C#CD=" / #' S' D2#C' / =' E%" J$. JF0 1 %" C' J . " . $F2=C' $ 2 . ' D#K2 E' C .1%" "F 1-' 2=C' . & YN#=C' I #$ I #$F =" 1 ' ; %LF" 1' N#=' I =C' $=D$. C=" 1F1 %" C' F#' EF$/ "F2' =CEO' " %K1=" F =" 1' $ =" -' =" JFJ=F ' FL . #W-' 2 #"' / =C' D$% I %1=#$C-' / =' 2# ' <F $=' C=" 1 $' 2 "E%" &=" F" E=' / =' E=22=' C#CD=" C %"' /#' E%" E 2=' =1' /%' / $=' N# =" < "' 2F' E% I I CC %"' / #' I =CCFJ=' " .1F 1' N# #" =' E% I 0 I CC %"' EOF$J . =' / #"' 1$F&F 2' =1' N#=' 2=' E%" E 2=' / =&F 1' C FCC= I 0 K2=$' F&F" 1' C%"' $FDD%$1-' E% I I =' %"' 2 F&F 1' <F 1' M' 2 . JF$/' / =C' F#1$=C' E% I I CC %" C ' FL=#W' " %K1" 1' $ =" ' =' EF$/ "F2' =CEO' E#1 | F' <$F" EO C=' / =' "%#C' / $=' (# 2' "=' C FJ $F 1' " ' / F / $=CC=' " ' / =' I F" / = I = "1' N# FD$QC' 2F' / . / C %"' / =' 2F' E% I I CC %"' C#$' 2 "E% I D . 2 = "E=' %#' 2# E% I D . 1 = "E=' / #' E%" E 2=' N# F" 1F' 2 "C2 1#+

, , 7 9 ' :4 ;

2 %"' EF"%" N#=' CF"C' 2=' DFD=' =2F' &="F 1' /=' OF#1-' D2#C =#$C' E$#$="1' N# 2' <F22F 1' C L' $.C J"=$ '

#' E% I I ="E= I ="1' /=' E=11=' 1$% C Q I =' C.F"E=-' FD$QC' 2=C' D$.2 I "F $=C-' =C=K' 2#1' #"=' %2e$%' .E$ 1=' DF$' 2=' I " C1$=' /=C' E#21=C' N# ' %$/%""F 1' M' 2F' E% I I CC %"-' /=2M' DF$1' /=' 2 = I D=0 $=#$-' /=' D$%"%PE=$' %# ' %#' "%"' C#$' 2F' E% I D.1="E=' /#' E%"E 2=' IN#F"1' M' 2 "C2 1#2 %"' EF"%" N#=-' =1' N#=-' #J= I ="1' .1F"1' D%$1.' DF$' 2F' E% I I CC %"-' =22=' 2=' < 1' $= I =11$=' M' 2 = I D=$=#$ ' 2' =]1' .1.' &F "' /#' $FDD=2=$' I =C' "#1 2=C' %KC=$&F1 %"C' C#$' E=' N#=' "%#C' "%' /=& %"C' F&% $' F<<F $=' N# F#' E%"E 2=' /%"1' "%#C' .1 %"C' 2=C' I F"/F1F $=C ' =' I " C1$=' F %#1F 1' N# FD$QC' 2=' $FDD%$1' /=' 2F' E% I I CC %"' C#$' 2 %K =1-' 2' C=$F 1' $.<.$.' F#' E%"E 2=-' D%#$' N# 2' C1F1#b1' /=< " 1 &= I ="1' C#$' 2F' E% I D.1="E=' %"' 2 "E% I D.1="E=' N#F"1' M' 2 "C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C

=11=' 2=E1#$=' <F 1= ' %#$"% ' $= I F$N#F' 1$QC+ #/ E =#C= I ="1' M' ! F"1=C' N# 2' "=' D%#&F 1' E%"E=&% $' E% I I ="1' 2' F&F 1' D%C.' #"=' N#=C1 %"' I .1F 2KLC N#=' N#=' 2 %"' &%#2F 1' "%#C' <F $=' / CE#1=$-' 1F"/ C' N#=' 2# + I Q I %' "%#C' F&F 1' D$.C="1.-+/ CF 1+ 2-' 2=C' /=#W' D$%D%C 1 %"C' E +/=CC#C' E% I I =' C%# I C=C' M' "%1$=' =WF I ="' =1' #J= I ="1' DF$' 2 = I D=$=#$ ' ! F"1=C' K F CF$' %#$"F ' 2# ' C=$$F' 2=' K%#1%"-' =1' 2# ' /= I F"/F' C ' CF' I .1FDOLC N#=' .2F 1' /%' 2# ' %#' /=' 2 E I D%$=#$ ' ! F"1=C' "=' $.D%"/ 1' DFC ' 2%$C' %#$"F ' F %#2F' $ d F C' 2=C' /=#W' D$%D%C 1 %"C' E +/=CC#C' C%"1+=22=C' /%' 2 = I D=0 $=#g5' ! F"1=C.""E%"& "1'D%#$' 2F' D$= I Q$=$' N#F"1' M' 2F' C=E%"/=-' 2' KF2F"PF ' %#$"F ' "C C1F"1-' ! F"1=C' E%"& "1' .N# &F2= I I ="1' N#=' 2=' C%#&=$F "' " F&F 1' =W J.' / CE#CC %"' N#=' C#$' 2F' D$= I Q$=' D$%D%C 1 %"m' 2 % "1' /%' E% I I ="1F $=' C#$' E=1' F&=#$' EOFE#"' 2=' <=$F' /=' $=C1=-' =1' 2F' E% I I CC %"' <#1' K ="' .KFO =' /=C' F&=#W' =1' E%"1$F/ E1 %"C' /=' ! F"1=C

=' EF$/ "F2' =CE2 -' %#K2 F"1' 2F' I E1FD2 LC N#E' /#' C#C/ 1-' $=& "1' M' 2F' D$= I Q$=' D$%D%C 1 %"' C#$' 2=' C="1 I ="1' /%' 2F' E% I +

7 9 ' :4 ; ,(`

I CC %"' M' 2 .JF$/' /=' 2F' E% I D.1="E=' %#' "%"' /#' E%"E 2=' N#F"1' M' 2 "C1 1#1 %"' EF"%" N#=' CF"C' 2=' DFD=' 2' " L' =#1' DFC' K=C% "' /=' D$="/$=' 2=C' &% W-' 1F"1' 2F' I F %$ 1.' <#1' ."%$ I =' D%#$' 2 "E% I D.0 1="E=' d 22%"C-' / 1'2=' EF$/ "F2' =CEO-' 1%#1' =C1' D=$/#$' 2 = I D=$=#$' / CC%#/$F'2=' E%"E 2= -5' %#$C' =1' ! F"1=C' FDD#LQ$="1'=1' 1$F 1Q$="1' 2=C'%DD%CF"1C' F&=E' CF$EFC I =C' %K2 N#=C-' / CF"1' N#=' E=C' $ J#=#$C' .1F ="1'<#"=C1=C ' 7%#$' "=' DFC' ="1F I =$' #"=' / CE#CC %"' O%$C' /=' D$%D%C-' "%#C' "=' $.D%"/Z I =C' D% "1

=CEO' / 1' ď d ' 2=' E/"E 2=' /=&F 1' / #$=$' (DF$%2=C' I . I %$FK2=Cv-' %"' D%#$$F 1' $ CN#=$'2F' JFJ=#$=-' =1' OFCF$/=$'2F' /= I F"/=' /=' /.D#0 1F1 %"' F#' DFD=-' CF"C' /.E$=1' D$.F2FK2=' /#' E%"E 2= ' 5 7=$C%""=' "=' $=2=&F'E=11=' $= I F$N#=-' I F C%"' ="' 1C%"' D$%< 1-' =1'2 %"' ="' E%"E2#1' N#=' 2F' / CC%2#1 %"' /%"1' %"' I ="FPF 1' 2=' E%"E 2=' " .1F 1' DFC' C ' FCC#$.=' 3 F 22=#$C' F&F C' 1%# %#$C' E%"C /.$.' E=2F' E% I I =' #"=' I ="FE=-' =1' C ' =22=' =]1' .1.' =<<=E1#.=-' 2=' E%"E 2=' F#$F 1' CF#&.' 2=C' /$% 1C' /#' DFD=-' = I DYEO.' 2=' CEO C I =-' =1' 2=C' .&YN#=C' C ="' C=$F ="1' $=1%#$".C-' # ═ ═ □'□ ═ ═ □ ═! $□('3 C0 C%#/$=' 2=' E%"E 2=' "F1 %"F2'F "C ' .1F 1' / .E2F$=$' M' 2 #" &=$C'N#=' 2=C' .&YN#=C' " F&F ="1' DFC' &%#2#' D2 =$' F#W' &%2%"1.C' /=' 2F' E%#$-' =1' E=2# ' N# ' D$="F 1' E=' DF$1 ' =W1$Y I =' C=' C=$F 1' C=#2' <F 1' 1%$1' M' 2# + I Y I =

=' EF$/ "F2' I 1' ="' /.2 K.$F2 %"' 2F' C=E%"/=' D$%D%C 1 %"' (E +/=CC#C ' /=' ! F"1=C-' /%"1' 2=' C% I I F $=' =C1' N#=-' C ' 2 = I D=0 $=#$' FEE%$/=' F#' E%"E 2=' /=' <F $=' #"=' /.D#1F1 %"' F#' DFD=-' E=' C=$F 1' M' E%#D' C] $' F&=E' 2F' E%"/ 1 %"' N# F#' EFC' N#=' 2=' DFD=' $=<#Cb1' 2=C' K#22=C-' 2' .1F 1' ".E=CCF $=' N#=' 2=' E%"E 2=' C=' /.E2F$b1' F#1%$ C.' M' D%#$&% $' DF$' 2# + I Y I =' M' #"' F#1$=' I %/=' / "C1 1#0 1 %"' EF"%" N#=-' =1' N#=' 2F' E% I I CC %"' /=&F 1' /.E /=$' C ' =22=' E$%LF 1' %#' "%"' 2=' E%"E 2=' F#1%$ C.' D%#$' F22=$' ="' F&F"1 ' .1F 1' .& /= I I ="1' $=D$.C="1=$' C%#C' #"=' F#1$=' <%$ I =' 2=' /.E$=1' M' <F $=' DF$' E=' E%"E 2=' C#$' 2 "C1 1#1 %"' EF"%" N#=' ! %#C' 2=

;'

H\ Y ' S' W

/Z I =C' 1%#C' 2=C' O# 1' =1' F I F C' 2=C' $#C=C' /=' ! F"1=C-' 2=C' K$#CN#=0 $ =C' /=' %#$C-' 2=C' /.E C %"C' 1$F"EOF"1=C' /=' =CEO' "='D#$="1' "%#C' <F $=' N# 11=$' "%1$=' D%C1=

FC=22 ' /= I F"/F' "FV&= I ="1' C ' 2=C'EF#C=C' I F =#$=C' .1F ="1' %# ' $.C=$&.=C' F#' DFD= ' % I I ="1' 2=' " =$g' d 2%$=-' / 1+ 2-' 2F' N#=C1 %"' =C1' /.E /.=-' EF$' E=22=+E ' =C1' O' E%#D' C]$' #"=' EF#C=' I F =#$= '5 %#$C' / 1' D 1%LFK2= I ="1' í d: FDD=22=' E=11=' EF#C=-' #"=' J$F"/=' EF#C=-' D%#$N#% ' 2 FDD=2=$' I F =#$=' g5' "' 2# ' $.D%"/ 1' /=' 1%#1=C' DF$1C' í d DD=2=X+2F' J$F"/=-' 1$QC+J$F"/=' %#' I F =#$=-' 2' "=' C FJ 1' DFC' E ' /#' I %1-' I F C' /%' 2F' EO%C= ' $-' N#=22=' EF#C=' D2#C' J$F"/=-' D2#C' I F =#$=' N#=' E=22=' /=' EOF"J=$' 2=' I %/=' / "0 C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C-' =1' E=2F' I F2J$.' 2F' / CE D2 "=' J."."$F2=' /=' 2 J2 C=-' =1' E=2F' C#$1%#1' DF$' #"' /.E$=1' /=' E%"E 2=' DF$1 E#2 =$g5' %#$C' .1F 1' F#W' FK% C-' ! F"1=C' 2=' C%#1 ="1-' =1' /=' C%"' 1%"' /%#E=$=#W-' 2' %KC=$&=' M' FC=22 ' N#=-' C# &F"1' 2=' E%"E 2=' /=' F$/ N#=-' DF$ I ' 2=C' $.C=$&=C' F#' DFD=' E=22=' /=' 2 "C1 1#1 %"' EF"%" N#=' "=' C=' 1$%#&F 1' DFC ' d:=' 2=' E$% C-' 2# ' $=DF$12$F=C+"%#C-' D# CN# F2%$C' %"' "=' /%" "F 1' DFC' /=' K#22=C' $ / F 22=#$C-' N# I D%$1=' 2.D%N#=' /=' 2F' $.C=$&=' /=C' EF#C=C' I F =#$=C' F#W' DFD=Cg' 2C' C=' 2=C' %"1' $.C=$&.=C-' =1' /=D# C' 2 J2 C=' 2=#$' F' $=E%" "#' E=' /$% 1 '5 "' &% 1'M' N#=22=C' I C.$FK2=C' EO EF"=C' 2=C' %DD%CF"1C' .1F ="1' $.0 /# 1C

$%L=C' / CF 1' F&=E' $F C%"' í d F C' ="' F/ I =11F"1' N#=' 2=' E%"E 2=' F 1' <F 1' #"' /.E$=1-' N# ="' E%"C.N#="E=' 2' "&% =' #"=' /.D#1F1 %"' F#' DFD=' $ C ' F' F "1=1.' /%" "=' F#W' /.D#1.C' /=' K%" "=C' $F C%"C' D%#$' " F&% $' DFC' FEE%$/.' 2=C' K#22=C' =1' I .I %' D%#$' 2=C' $=<#C=$' ="E%$=-' N#=' <=$F' 2=' E%"E 2=g' 7%#$$F+1+ 2' CF#1=$' DF$+/=CC#C' 2=C' K%" "=C' $F C%"C' /#' DFD=g'5 =C' 1$% C' %DD%CF"1C' / $="1' =<<$%"1.0 I ="1í d =' DFD=' "=' D=#1' F&% $' /=' K%" "=C' $F C%"C' D%#$' 2F CC=$' .1= "/$=' 2.D CE%DF1-' 1%#1' I %1 <' EQ/=' /=&F"1' E=2# +2M 6 =C1' 2M' /.E /=$' " 2=#$' $.D%"/ I =C+"%#C-' =1' E% I I =' "%#C

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"=' E$%L%"C' DFC' M' 2 "<F 22 K 2 1.' /#' DFD=-' "%#C' F/ I =11%"C' ="+' E%$=' I % "C' E=22=' /=' &%1$=' FCC=$1 %" ' 5 $Y&=C' / CF 1' F&=E' #"=' =CDQE=' /=' K%"O% I =' ï d F C' C ' 2F' /.D#1F1 %"' I c I =' CF"C' /.0 E$=1' "=' $.#CC 1' DFC-' E=' C=$F 1' K ="' F2%$C' N#=' 2=' E%"E 2=' #J=$F 1' 2=' DFD=-' C 2' C %EE#DF 1' FD$QC' C%"' $=<#C' / "C1 1#1 %"' EF"%" N#= 5' :=' 2# ' $.D%"/ C' F&=E' $%L=C' =1' %#$"F ' ï d ! %#C' "=' /=&%"C' #J=$' 2=' DFD=' " ' F&F"1' " ' FD$QC-' "%#C' "=' /=&%"C' DFC' 2=' #J=$' /#' 1%#1$' "%C' DQ$=C-' ="' ` '=1' ="' * -' 2 %"1' /.E2F$.' ="' E%"E 2=C' "F1 %"F#W ' 5

"' &F "' ! F"1=C' C#K1 2 CF 1-' =1' %#$C' 1$F"EOF 1' "=1-' 2=' /.E$=1' M $%D%C=$' F#' E%"E 2=' "=' DFCCF 1' DFC ' =' EF$/ "F2' =CEO' $.D.1F' E=' N# 2' F&F 1' /. M' / 1' ï d F C' %"' D%#$$F 1' C ="' 1=" $' M' E=' N# F' D="C.-' ="' ,*) -' 2=' E%"C= 2' =EE2.C FC1 N#=-' =1' =' "=' &% C' DFC' /=' / <2 E#21.' M' 2=' C J"=$' "%#C+ I Y I =C ' 5' :=' $.D%"/ C' 2=' D$= I =$' N#=' =' "=' C J"=$F C' F I F C' 2=' $FDD%$1' /=' E=' E%"C= 2S' 2=C' C=D1' F#1$=C' D="CQ$="1' /=' I Y I =

3=' J#=$$=' 2FCC=' =1' "=' D%#&F"1' "%#C' &F "E$=-' 2=' D$.C /="1' I 1' 2F' C=E%"/=' N#=C1 %"' /%' ! F"1=C' F#W' &% WS' I F %$ 1.' E%"1$=-' O# 1S' I "%$ 1.-' N#F1$=S' EF$' =CEO-' N# ' " F&F 1' DFC' &%1.' C#$' 2 "E% I 0 D.1="E=-' &%1F' E=11=' <% C' F&=E' 2F' I "%$ 1.' %#$C-' F#' /.C=C0 D% $-' / 1' I D$#/= I I ="1' ï d 2' " L' F' /%"E' N#=' E=' DF#&$=' E%"C= 2' =EE2.C FC1 N#=' /%') *) ' N# ' I =#$=' /F"C' 2 "E% I D.1="E=' < "F2=' ' 5' =11=' E%"<=CC %"' .1$F"J=' <F 22 1' "%#C' c1=$' "%1$=' C.$ =#W-' "%#C' 2=' JF$/b I =C' M' J$F"/ D= "=' =CEO' / 1' ï d %#1' =C1' < " 5

! F"1=C' D%#$' =WE#C=' 2#1' #"' <$FJ I ="1' /=' %CC#=1-' N# 2' C%#1 "1' E%"1$F $=' M' I %"' I . I % $=-' =1' "E /="1F' C#$' E=' N#=' F&F C' /.$ &.' /%' 2F' D$ I F#1.' /=' #$ / E1 %"' /#' DFD=' C%"' /$% 1' / "C1 1#=$' 2=C' .&YN#=C ' 2' F&F 1' 2 F $' 1$ % I DOF"1' =1' %#$C' F&=E' =CEO' I =' D=$C <2F =" 1 ' =2F' I =" "#LF' =1' =' / C' ï d "' C#DD%CF"1' N#=' E=' /$% 1' / "C1 1#1 %"' "=' & ="' =' DFC' /=' 2F' D$ I F#1.-' E=' N#=' =' 2F CC=' ="' C#CD="C-' EF$' =' 2=' E$% C-' I %"' I . I % $=' $=C1=$F 1' CF"C

$.D2 N#.-' D%#$'2=' /.1$# $=-' 7' <F#1'$.D%"/$=i' ,K' M' 2F$J# I ="1' /=' 2F' / CE D2 "=' J."$F2=' /=' 2 J2 C=' /=D# C' 1$% C' E="1C'F"C'$ ú F#W' /=#W' E%"E 2=C' "F1 %"F#W' /=' $F"E=' ="' ` ' =1' ="' * '$ K' F#W' K$=<C' /=' 7 =' -' /F"C' 2F' EF#C=' /=C' E%"C1 1#1 %"CS' ,K' F#W' <F 1C' =1' F&=#W' /#' E2=$J.' /=' $F"E=' /=D# C' , ` ' #CN# ="' , * ' =1' /=0 D# C ' ; % 2M' 2=C' KFC=C-' &% 2M' 2=C' J$%C I #$C' /=' I %"' ./ < E=S' 1F"1' N# %"' "=' 1%#EO=$F' N# F#W' FEE=CC% $=C-' %"' " .K$F"2=$F' $ ="-' ' <=$C%""="' "=' I =' $.<#1F' / FK%$/

=CEO'-' #"' I % I ="1' FD$QC-' $.D.1F' E=' N# 7' F&F 1' /. M' / 1' ï CF0 &% $' N#=' 2=C' K$=<C' /=' 7 =' ; ' .1F ="1' D%#$' 2 F<<F $=' -/=' 2F' E%"C1 0 1#1 %"' E & 2=-' =1' "%"' D%#$' FD$QC ' #' 2 =#' /=' 2# ' $.D%"/$=' / $=E1=0 I ="1-' =' 2# ' / C' ï d 2%$C-' I %"C= J"=#$-' 2=C' K#22=C' /%E1$ "F2=C' /#' DFD=' C#$' 2=' F"C." C I =' .1F ="1' D%#$' 2=C' F"C." C1=C' / F2%$C' =1' "%"' D%#$' E=#W' / FD$QC ' 5

! F"1=C-' D=$/F"1'2F' 1Y1=-' / 1' ï d F C : "C1 1#2 %"' EF"%" N#=' /=C'.&YN#=C' DF$' 2=' DFD=' /F1=' /#' E%"E%$/F1' /=' .%"' G ' 5 (8#=22=' J"%$F"E=' %#' N#=22=' / CC I #2F1 %"' /=' I 22=' <F 1C' / O C1% $=' =EE2.+' C FC1 N#=s' ' %$/=F#W' 2#' $.D2 N#F' ï d 2%$C' E =C1' /%"E' $F"0 P% C' U' N#' F' /%"".' F#W' DFD=C' 2=' /$% 1' /=' 2 "C1 1#1 %"' EF"%0 " N#=g' 5' ! F"1=C' <#1' FKFC%#$/' ' =1' %$/=F#W-' /F"C'#"=' CF "1=' E%2Q$=-' F %#1F' ï d D$QC' /=' 1=22=C' =$$=#$C' =1' /=' 1=22=C' <%2 =C' 7' " L' F' D2#C' N# M' C ="' F22=$'$ E=' N#=' &%#C' F&=X' / 1-' I %"C= J"=#$' /=' ! F"1=C-' I .<F 1' O%$$=#$-' %# -' O%$$=#$' 5

% I FEEO %' 1'#"' 2%"J' / CE%#$C' C#$' 2=C' /$% 1C' /#' DFD=-' N# 7' C%#1 "1' ="' #21$F I %"1F "-' =1' FDD#LF' <%$1= I ="1' C#$' 2=' /%#1=' I F" <=C1=' /=' 1%#1' E=' N#=' <=$F ="1' 2=C' .&YN#=C' "C1 1#.C' CF"C' 2=' DFD=' DF$' 2=' E%"E 2=S' E=1' .&YN#=' <$F"E' =1' CF"C' /.1%#$' / 1' ="' < " CCF"1' ï d F' F =C1.' "%#C' F' 1F"1' / 1' N# 7' .1F 1' EF1O%2 N#=' $% I F "-' =1' &%#2F 1' 2=' I F "1 ="' /=' "%1$=' CF "1=' $=2 J %"' $ C 7' 2=' &=#1-' 7' "=' D=#1' $ ="' "%&=$-' " ' "%#C' CF"C' 2=' E%"C="1= I ="1' /#' DFD=' 5

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! F"1=C-' / #"' %"' /=' D$%<=CC=#$-' / 1' ="' C .E%#2F"1' =1' C=' $="0 J%$J=F"1' $ d =C' D$ "E D=C' #21$F I %"1F "C' /=' R' /=' % I FEEO %' "=' C=$%"1' F I F C' $=P#C' DF$' /=C' .&YN#=C' JF22 EF"C ' 5 $%L=C-' &$.=' 2# ' %KC=$&="1' N#=' E =C1' "E /="1=$$' N#=' 2=' <%"/' /#' C="1 0 I ="1' /=' % I FEEO %' =C1' 2=' /%#1=' 2. J 1 I =' /=' 2F' &F2 / 1.' /=C' FE1=C' N#=2E%"N#=C' /=C' -m&YN#=C' /=' 2F' <FK$ N#=' /#' E%"E 2=' ! F"1=C' C=' 1F 1-' C=C' F/O.$="1C' F#CC

=CEO-'F&=E' "FV&=1.'=1'EOF2=#$-'C =WD$ I ='F "C ' $ d O' $ C ' E .1F 1' M' $=E% I I ="E=$-' 2 = I D=$=#$' "='E%"&%N#=$F 1' F I F C' /='E%"E 2=' 5

! %#C' E$%L %"C' Y1$=' M' 2F' "' /=C' F$J#1 =C' $ I F C' 2 .E%2=' /#' 3%E0 1=#$' C#K1 2' (! F"1=C' ' F&F 1' ="E%$=' /=C' F$J# I ="1C ' =CEO' / 1i' d ' E=11=' / CE#CC %"' "=' I F$EO=' DFC-' C ' "%#C' "=' D%#&%"C' "%#C' FEE%$/=$-' E=2F' & ="1' #" N#= I ="1' /=' 2 FKF"/%"' /=' 2F' D$%D%C 0 1 %"' /=' ! F"1=C-' C#$' 2 =W1$Y I =' ".E=CC 1.' %a' "%#C' C% I I =C' DF$' $FDD%$1' M' 2 "C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C ' 5 #CC 1c1' =CEO-' CF"C' "%#C' 2F CC=$' 2=' 1= I DC' /=' $=CD $=$-' D%C=' 2F' N#=C1 %"' C# 0 &F"1=' î d 7=#1+%"' C#DD%C=$' #"' EFC' I .1FDOLC N#=-' □ ¯ # ¯ ="' &=$1#' /#N#=2' #"' E%"E 2=' "F1 %"F2' D# CC=-' CF"C' 2 "1=$&="1 %"' /#' DFD=-' F/%D1=$' #"' I %/=' / "C1 1#1 %"' EF"%" N#=-FKC1$FE1 %"' <F 1=' /=C' E $E%"C1F"E=C' D$.C="1=C' %#' F#1$=Cg5

! F"1=C' C=#2' FDD$%#&F' E=11=' /.=' "%1 V=-' DF$E=' N#=' E=#W' N# ' K F C="1' =1' $#C="1' F I ="1' 2=C' FKC1$FE1 %"C' =1' 2=C' F I KFJ=C

%#$"F -' 2=' D$= I =$-' C=' $.E$ =' E%"1$=' 2F' D$%D%C 1 %"' =1' / 1' î d J2 C=' "=' #J=' F I F C' □ ¯ # :' E% I I ="1' 2F' E% I I CC %"' / #"' E%"E 2=-' E% I I ="1' #"' E%"E 2=' I c I =' D=#&="1+ 2C' /.E /=$' I .1FDOLC N#= I ="1-' FKC1$FE1 %"' <F 1=' /=C' E $E%"C1F"E=C' FE1#=22=C' %#' F#1$=Cg' 5 $%L=C' FDD#LF 1' E=1' F& C' =1' / CF 1' N#=' E .1F 1' 2M' /=' 2F' KF11%2%J -' /#' JF2 I F1 FC ' %$/=F#W-' F"/-' &$.=-' D="0 CF ="1' /=' I c I =' ! %#C' E% I KF11Z I =C-' I F C' ="' &F "-' D="/F"1' #"=' / = I +O=#$=-' E%"1$=' 2 "/% I D1FK2=' ="1Y1= I ="1' /=' =CEO' M' &%#2% $' 2F' / CE#CC %"' =1' 2=' &%1=' C#$' E=11=' <%2 =

HDF Y ' S ' W

: %KC=$&F ' N#=' C ' %"' / CF 1' %# ' %#' "%"-' N#F"1' M' E=11=' I .1F0 DOLC N#=-' 2' <F22F 1' F#' K#$=F#' #"' C=E$.1F $=' D%#$' I F$N#=$' 2F' /%C=' /=C' %# ' =1' /=C' "%"-' DF$E=' N# %"' "=' D%#&F 1' "CE$ $=' E% I I =' %# ' %#' "%"' FKC%2#C' /=C' FDD$%KF1 %"C' %#' ".JF1 %"C' $=2F0 1 &=C-' $=C1$= "1=C' =1' E%"/ 1 %""=22=C ' ' F I F C' 2' L' =#1' D$%D%0 C 1 %"' .& /="1=-' E .1F 1' E=22=+2M$' =22=' /.D2#1' M' =CEO-' N# ' / #"' 1%"' I D.$ F2' / 1' î d 7% "1' /=' /= I F"/=' "E /="1= ' 5' =C' E%22Q0 J#=C' "=' I =' C%#1 "$="1' DFC-' =1' I %"' %KC=$&F1 %"' 1% I KF

=CEO' /= I F"/=' 2=' &%1=' M' FC=22 -' N# ' / 1' $ d CC#$. I ="1-' C ' 2 .D CE%DF1' .1F 1' $./# 1' M' 1$% C' .&YN#=C-' =1' N# 2' " L' =]1' D% "1' /=' DFD=' =W C1F"1-' E=C' 1$% C' .&YN#=C' D%#$$F ="1' CFE$=$' 1%#C' 2=C' .&YN#=C' /#' I %"/= ' ="' D2#C-' ="' E=' EFC-' #"' C=#2' .&YN#=' 2=' D%#$$F 1 ' 5' =' EF$/ "F2' =CEO' "CE$ 1' FC=22 ' E% I I =' /%""F"1' #"' %#1' FKC%2#

D "F-' N# 2' "1=$$%J=' ="C# 1=-' FEE%$/=' ="' DF$1 =-' " =' ="' DF$1 =' 2F' D$%D%C 1 %"' I .1FD2 LC N#%-' =1' /.E2F$=' #/ E =#C= I ="1' N# F#' E%"E 2=' 2' C %DD%C=$F 1' M' E=' N#=' 2 %"' < 1' / #"' EFC' /.F2' #"=' $QJ2=' /=' / CE D2 "= ' D "F' =C1' "CE$ 1' %#

=C' F#1$=C' / C="1' /=C' %# ' K JF$$.C' =1' $=C1$= "1C-' N#=' =CEO' "CE$ 1' 1%# %#$C' E% I I =' FKC%2#C

%$/=F#W' / 1' "%"-' 2=' I %1 &F"1' C#$' E=' N#=' 2=C' EFC' I .1FDOL0 C N#=C' .1F ="1' /=C' EO I Q$=C-' =1' N# 2' =C1' /=' <%' N#=' 2 J2 C=' F#$F' 1%# %#$C' #"' EO=<' =1' /=C' .&YN#=C

%#$"F ' &%1=' /=' I Y I =-' F "C ' N#=' F"/

3 %"E-' C#$' /%#X=' &%1F"1C-' =CEO' D$.C /="1' E% I D$ C-' "=#<' / $="1' %# -' %#' D2#1c1' <#$="1' "CE$ 1C' E% I I =' 2 FLF"1' / 1' CF"C' $=C1$ E1 %"-' =1' 1$% C' / $="1' "%"

8#F"/' =CEO' I =' /= I F"/F' I %"' &%1=-' =' / C' "%"-' ="' 2=' I %1 0 &F"1' C#$' E=' N# 2' .1F 1' E%"1$F $=' F#W' D$% I =CC=C' /=' :.C#C+ O$ C1-' /=' C#DD%C=$' 2 OLD%1OQC=' EO I .$ N#=' /%"1' 2' C FJ CCF 1-' D# CN# 2' .1F 1' /=' <%' N# 2' C=$F 1' F&=E' 2=C' FDc1$=C-' = (((1%#C

2=C' %#$C' #CN# M' 2F' E%"C% I I F1 %"' /=C' C QE2=C ' =C/ ' ="' &%#2#1' <%$1' M' F"/' /=' E=1' F& C

$%L=C' / 1' ï d %"C= J"=#$-' I =11=X' D%#$' I %' %#' %#' "%"' E% I I =' &%#C' &%#/$=XS' 1%#1' E=2F' I =' C= I K2=' "/ <<.$="1' =1' EO 0 I .$ N#='5

=' K=2' %#&$FJ=' < " -' =CE2' <F 1' E=11=' F#1$=' D$%D%C 1 %"' ï' d ' 2=' DFD=' .1F 1' I %$1-' #"' E%"E 2=' "F1 %"F2' D%#$$F 1+ 2' C1F1#=$' C#$' 2 "C1 1#1 %"' EF"%" N#=g' 5 F' N#=C1 %"' I C=' F#W' &% W' =#1' O# 1' &%1=C' ="' I F %$ 1.' E%"1$=-' =1' N#F1$=' D%#$-' =CEO' FLF"1' C J".-' E=' N# 2' " F&F 1' DFC' <F 1' N#F"1' M' 2F' E% I D.1="E=' /#' E%"E 2=' C#$' 2 "C1 1#1 %"' EF"%" N#=-' N#% N# 2' DF$]1' Y1$=' /=' E=1' F& C' D2#1c1' N#=' /#' E%"1$F $=

=CEO-' &%LF"1' N# F#E#"=' C#K1 2 1.' "=' D%#&F 1' /.$F"J=$' E=11=' I F %$ 1.' ".JF1 &=-' I I #FK2=' C#$' 2 =CC="1 =2-' ="' E%"& "1' 2%LF2=0 I ="1' =1' D$%D%CF' E=' N#' C# 1-' N#=' 1%#1=' 2F' E% I I CC %"' FDD$%#&F' =1' C J"F' i

d F' E%"J$.JF1 %"' DF$1 E#2 Q$=-' "% I I .=' DF$' 2=' E%"E 2=' D%#$' $.D%"/$=' F#' I =CCFJ=' /=' F F =C1.-' D="C=N#=' 2=' E%"E 2=-' F&F"1' /=' D$%"%"E=$' C#$' 2=C' N#=C1 %"C' N#' 2#' C%"1' D$%D%C.=C-' D%#$' C=' E%"<%$ I =$' F#W' $QJ2=C' EF"%" N#=C' =1' M' E=' N#' C =C1' D$F1 N#.' /=' 1%#1' 1= I DC' /F"C' 2 J2 C=-' "=' D=#1' C=' / CD="C=$' /=' J%22 E 2=$' /=' F' F =C1.' 2F' D=$ I CC %"' / ="&%L=$' F#' DFD=' #"=' /.D#1F1 %"' N#' 2#' =WD%C=' 2 .1F1' /.D2%$FK2=' /=C J2 C=C' /=' 2 = I D $=' <$F"PF C' =1' /#' $%LF# I =' / 1F2 =' =1' N#' D# CC=' E%"<.$=$' F&=E' 2#' C#$' 2=C' I %L="C' / L' $= I ./ =$' 7F$ C-' `' # 22=1')*))' 5 # &="1' 2=C' C J"F1#$=C' /#' D$.C /="1' =CEO' =1' /=' 1%#C' 2=C' I = I K$=C' /=' 2F' E% I I CC %"

="' /=' I =#W' N#=' E=1' FE1=-' =1' 2F' E% I I CC %"' F' D=" /F"1' E=C' O# 1' %12$C' K ="' I .$ 1.' /=' 2F' $=2 J %"-' K ="' FJ' D%#$' 2F' E%"C=$0 &F1 %"' /=' 2F' / CE D2 "=' J.".$F2=' /=' 2 J2 C=-' D%#$' 2=' I F "1 ="' /#' /$% 1' D%"1 < EF2' / "C1 1#1 %"' EF"%" N#=' /=C'.&YN#=C' =1' D%#$

,\ Y ' S' W

= I DYEO=$'2=' CEO C I =' N# #"' EOF"J= I ="1' / CE D2 "F ' F#$F 1'EF#C. ' 72F C=' M' 3 =#' N#=' E=' N# ' F$$ &F' 2=' 2="/= I F "' " F 1' DFC' $# ".' 1%#1' E=' K ="-' E% I I =' #"=' J=2.=' /.1$# 1'2=C' <2=#$C' /=C' FK=C' =1' 2 =CD% $' / #"=' $ EO=' $.E%21=' /=' <$# 1Cs' ! %#C' =WD%C=$%"C' E=11=' C# 1=' M' 2FN#=22=' %$/=F#W' =1' F"/' C=#2C' " %"1' DFC' &%#2#' FEE.0 /=$' =1' E%"1$=' 2FN#=22=' 2C' / $="1' "%"

;% E ' /=C' CEQ"=C' / #"' "%#&=F#' J="$=' ' 2' =C1' /=C' I % I ="1C' / .K2%# CC= I ="1C-' %a' 2=C' CFJ=C' I Y I =' C%"1' .JF$.C ' 2%$C' 2 =<< 0 EFE=' /=' 2 =$$=#$' D$.&F#1' =1' 2F' &=$1#' I Y I =' C= I K2=' 1%#1' M' <F 1' C./# 1= ' =' / I F"EO=' \' # 22=1-' 2=' EF$/"F2' =CEO' %#&$=' 2F' C.F"E=' /=' 2F' E% I I CC %"-' DF$' 2=' $.E 1' / #"' ="1$=1 ="' N# K' F&F 1' =#' 2F' &= 22=' F&=E' 2 = I D=$=#$-' F#N#=2' 2' .1F 1' F22=$' / $=-' E%" % "1= I ="1' F&=E' 2 F$EO=&YN#=' /%' %#$C-' N#=' 2F' J$F"/=' I F %$ 1./=' 2F' E% I I CC %"' /#' I =CCFJ=' F&F 1' . I C' 2=' &%1=' /=' 2 "E% I D.1="E=' /#' E%"E 2=' D%#$' D$%"%"E=$' CF"C' 2=' DFD=' C#$' 2 "C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C-' =1' D%#$' EOF"J=$' 2F' / CE 0 D2 "=' /=' 2 J2 C=' M' E=1' .JF$/' =' D$.C /="1' $FE%"1=' N#=' 2 = I 0 D=$=#$' 1$%#&F' E=' &%1=' /%' 2F' E% I I CC %"' 1$QC+ I F#&F CS' N# 2' C ="' .1F 1' =WD$ I .' 1$QC+<%$1= I ="1-' =1' F&F 1' / 1' D="/F"1' D2#C' /=' N#F1$=' O=#$=C' /=' C# 1=-' ="' L' $=&="F"1' CF"C' E=CC=' î d O' K ="') 2F' E% I I CC %"' &%1%' F "C -' =' EFCC=$F ' 2=+E%"E 2=-' 1%#1' =C1' < " ' 5' 8# ="< "' F[' I % I ="1' %a' 2# ' =1' %#$C' E$%LF ="1' 1%#1' D=$/#-' 2 = I +' {D=$=#$' 2=#$' / 1' î d ; %#C' Y1=C' /=C' " JF#/C-' &%#C' "=' E%""F CC=X' DFC' &%1$=' D%C 1 %"-' &%#C' #=' CF&=X' DFC' ="' D$%< 1=$-' E=' C=$F' /%"E' I % ' N# ' &%#C' 1 $=$F ' / F<<F $=-' =' &F C' 1%#1' F$$F"J=$ 5' = I D=$=#$' FD0 D=22=' ' 2/ " -' C=E$.1F $=' / 1F1/#' $%LF# I =' / 1F2 ==1' 2# ' / E1=' 2=' D$.F I K#2=' =1' 2=' /.E$=1' N# ' C# &=" 1' E% I I =' /=&F"1' 2# ' Y1$=' D$.C="1.C' DF$' 2=' E%"E 2=-' =" F %#1F"1' N# F "C ' 1%#1' =C1' FD2F"

5' =' $FDD%$1' /=' 2F' E% I I CC %"' /% 1' Y1$=' <F 1' C#$' 2=C' KFC=C' C# &F"1=C' i

)k' 8#=' 2 = I D=$=#$' FLF"1' 2=' /$% 1' /=' "% I I =$' F#W' .&YEO.C

&FEF"1C-' C%"' /$% 1' C=' 1$%#&=' "#2-' C ' 2 "C1 1#1 %"' D=#1' 2=#$' Y1$=' $=<#C.=' DF$' / F#1$=C' $F C%"C' N#=' 2=C' EFC' D$.&#C' DF$' 2=' E%"E%$0 /F1' /=' .%"' G

d 5' 8#=' F' F =C1.' FLF"1' $. 1.$.' D2#C =#$C'<% C' 2F' /= I F"/=' /=' 2 "C1 1#1 %"' EF"%" N#=' N# ' F' .1.' $=<#C.=-' =22=' F' D#' Y1$=' F#1%$ C.=' M' $=JF$/=$' 2=' E%"E%$/F1' E% I I =' "%"' =W C1F"1' =1' M' $.#" $' #"' E%"0 E 2=' D%#$' N# 2' D%#$&]1' M' 2 "C1 1#1 %"' EF"%" N#=' /=C' .&YN#=C

d ư 8#=' 2=' E%"C= 2' /.C' .&YN#=C-' N# ' .1F 1' M' 7F$ C' =1' N# ' F&F 1' .1.' E%"C#21.' C#$' E=C' I F1 Q$=C' DF$' F' F =C1.-' FLF"1' %K1="#' / ="&%L=$' F#' DFD=' #"=' /.D#1F1 %"' /=' N#F1$=' .&YN#=C-' E=11=' /.D#1F1 %"' F' 2=&.' 1%#1=C' 2=C' / < E#21.CS' N#=' 2=' DFD=' F' /F J".-' ="1$=$' /F"C' 2=C' K=C% "C' /=' 2 J2 C=' =1' /F"C' 2=C' E $E%"0 C1F"E=C-' N# 2' F' :%$ I =22= I ="1' D$% I C' 2 "C1 1#1 %"' D%#$' 2=C' .&YEO.C' &FEF"1C' =1' FDD$%#&.' 2F' E2F#C=' N#=' C ' /F"C' 2 =CDFE=' /=' C W' I % C' 2# ' %#' C=C' C#EE=CC=#$C'"=' /%""F =" 1' DFC' 2 "C1 1#1 %"' F#W' .&YN#=C-' 2=' I .1$%D%2 1F "' 2F' /%"" =$F 1 ' 8#=' E=2F' .1F"1-' 2=' K#1' /=' 2 = I D=$=#$' C=' 1$%#&=' $= I D2 S' N#=' 2=C' .&YEO.C' /=' C%"' = I D $=' "=' D=#&=" 1' D2#C' $=C1=$' &FEF"1CS' N#=' 2 = I D=$=#$' &%#2F 1' 1$% C' I % C-' N#=' 2=' DFD=' ="' /= I F"/F 1' C W' $ E=11=' / <<.$="E=' " =C1' DFC' /=' "F1#$=' M' <F $=' $% I D$=' 2 F$$F"J= I ="1' /. M' E%"E2#' $ N# %"' D$%0 D%C=' F#' E%"E 2=' 2=' /.E$=1' E + % "1S' N#=' 2%$CN# 2' C=$F' F/%D1.-' 2' C=$F' FDD%$1.' DF$' 2=' E%"E 2=' ="' E%$DC' M' 2 = I D=$=#$' D%#$' 2=' $=0 I =$E =$' =1' 2=' C#DD2 =$' / FDD$%#&=$' 2=/ 1' /.E$=1' =1' /=' 2=' <F $=' D#K2 =$' E% I I =' 2% ' /=' 2 1F1

j =' E%"E 2=' /.E$Q1=' i

d)j' 8#=' 2=C' .&YEO.C' "=' D=#&="1' $=C1=$' &FEF"1C' D2#C' / #"' F"-' D%#$' 1%#1' /.2F -' =1' N#=' /F"C' E=1' =CDFE=' /=' 1= I DC' 2F' "% I 0 "F1 %"-' 2 "C1 1#1 %"-' 2F' E%"C.E$F1 %"' /% &="1' F&% $' 2 =#

d j' 8#=' 2 = I D=$=#$' "% I I =$F-' E%"<%$ I .I ="1' F#' E%"E%$/F1-' M' 1%#C' 2=C' C QJ=C' &FEF"1C

? G' X " +> 7&+ %1(2+ % &7 %) & ' *%)" 1%("71"(" (

+ 7 9 ˢ :4 ;

D%#$ˢ 1%#1ˢ /.2F -ˢ 2=ˢ DFD=ˢ /%""=$Fˢ 2 "C1 1#1 %"ˢ EF"%" N#=

Ć SZ X "ˢ "+ˢ +>ˢ 7&+ˢ ">1 (+9ˢ "ˢ 7)(&1&)% ˢ+"ˢ)(& "ˢ "+)9ˢ + (ˢ % #& #"++ & ˢ 7 7"ˢ *%*)"ˢ 1%(ˢ "ˢ 1%1"9ˢ ")ˢ -" (% 1(&# -"(ˢ Mˢ +))) & ˢ #% & ! "ˢ ")ˢ Mˢ % #& + #(%) &

G `kˢ 8#=ˢ 2=ˢ D$.C="1ˢ /.E$=1ˢ C=$Fˢ C%#I Cˢ Mˢ 2 FDD$%KF1 %"ˢ /=ˢ 2 = I D=$=#$ˢ D%#$ˢ Y1$=ˢ D#K2 .ˢ E% I I =ˢ 2% ˢ /=ˢ 2 1F1

Ć QZ X "ˢ % %I"+) ˢ+"(% + 11 "ˢ 1%(ˢ "ˢ #& # "ˢ -"ˢ 1"(7"))("ˢ "ˢ - 1)%) & ˢ - ! "+ˢ -"ˢ +"ˢ (" -("% 1(2+ˢ - ˢ 1%1"ˢ 1& (ˢ "ˢ ("7"(# "(ˢ - % & (ˢ 1%(ˢ #")"ˢ #& #"++ & ˢ 7 +ˢ ˢ)"(7"ˢ % >ˢ 7% >ˢ -"ˢ ' +"9ˢ ")#9ˢ ")#ˢ F

:=ˢ "=ˢ $=& ="Cˢ DFCˢ ="E%$=ˢ /=ˢ 2 I D$=CC %"ˢ N#=ˢ E=11=ˢ 2=E1#$=ˢ< 1ˢ C#$ˢ 2Fˢ E% I I CC %"ˢ =ˢ " .1F ="1ˢ DFCˢ 2=Cˢ I ="FE=Cˢ N# F&F 1ˢ<F 1=Cˢ 2 = I D=$=#$ˢ N# ˢ ="ˢ I D%CF ="1ˢ F#Wˢ .&YN#=C 2ˢ F&F 1ˢ / 1ˢ ĭ G :=ˢ "=ˢ I =ˢ C%#E =ˢ "#22= I ="1ˢ /=ˢ E=ˢ N#=ˢ 2=ˢ E%"E 2=ˢ &=#1ˢ %#ˢ "%"-ˢ F ˢ #"ˢ E% I 1.ˢ FCC= I K2.ˢ EO=$-ˢ 2=ˢ J$F"/ˢ #J=-ˢ 2ˢ D$%"%"E=$Fˢ C#$ˢ E=11=ˢ N#=C1 %"ˢ =1ˢ =ˢ I =ˢ /.E2F$=$F ˢ E% I D.1="1ˢ # &F"1ˢ 2 F& Cˢ /=ˢ E=Cˢ #$ CE%"C#21=Cˢ =1ˢ F&%EF1C-ˢ 2=Cˢ D$.<=1Cˢ "% I I =$%"1ˢ 2=Cˢ E#$.C-ˢ 2=Cˢ EOFD 1$=C-ˢ 2=Cˢ .&YN#=C ˢ 2=ˢ I .1$%D%2 1F "ˢ "=ˢ &=#1ˢ DFCˢ 2=Cˢ "C1 1#=$-ˢ =ˢ<=$ I =$F ˢ 2=Cˢ C. I "F $=C-ˢ 2Fˢ $=2 J %"ˢ " F#$Fˢ D2#Cˢ /=ˢ I " C1$=C ˢ 8#F"1ˢ F#Wˢ .&YN#=Cˢ / 1F2 =-ˢ =ˢ E%"< CN#=$F ˢ 2=#$Cˢ K ="C-ˢ =ˢ 2=Cˢ $./# $F ˢ Mˢ 2Fˢ D%$1 %"ˢ E%"J$#=ˢ E% I I =ˢ 2=Cˢ .&YN#=Cˢ /=ˢ $F"E= ˢ J 8#=ˢ E=Cˢ I ="FE=Cˢ " =#CC="1ˢ <F 1ˢ F#E#"=ˢ I D$=CC %"-ˢ %#ˢ /#ˢ I % "Cˢ " =#CC="1ˢ =#ˢ F#E#"=ˢ "<2#="E=ˢ C#$ˢ 2=Cˢ .&YN#=Cˢ /=ˢ 2Fˢ E% I I CC %"-ˢ%"ˢ 2=ˢ &=$$Fˢ D2#Cˢ 1F$/ ˢ Cˢ & $="1-ˢ DF$ˢ E=22=ˢ /.=ˢ I D.$ F2=-ˢ 2Fˢ EO%C=ˢ 1%#1=ˢ EOF"J.=-ˢ 1%#1ˢ F I .2 %0 $.= ˢ "ˢ DF$2F 1ˢ /=ˢ 2Fˢ E%"E=CC %"ˢ /#ˢ DFD=-ˢ =22=ˢ .1F 1ˢ 2Fˢ KFC=ˢ /=ˢ 1%#1 ˢ "C ˢ E .1F 1ˢ DF$ˢ 2# ˢ N#=ˢ C=ˢ <F CF 1ˢ 1%#1-ˢ 1F#/ Cˢ N#=ˢ 2Fˢ I F %$ 1.ˢ /=ˢ 2Fˢ E% I I CC %"ˢ F&F 1ˢ #CN#=+2Mˢ .1.ˢ $.EF2E 1$F"1=ˢ DF$E=ˢ N# %"ˢ &%#2F 1ˢ N# =22=ˢ FDD$%#&b1ˢ 2Fˢ E% I D.1="E=ˢ /#ˢ E%"E 2=ˢ CF"Cˢ 2 FD0 D$%KF1 %"ˢ /#ˢ DFD= ˢ d 8#=22=ˢ / <<.$="E=-ˢ / CF 1+%"-ˢ ="1$=ˢ 2=Cˢ /=#Wˢ C 1#F1 %"Cˢ =1ˢ E% I K ="ˢ 2Fˢ C=E%"/=ˢ =C1ˢ <F&%$FK2=ˢ Mˢ 2Fˢ $=2 J %"ˢ ś 5

=C' O% I I =C-' N# ' O# 1' %#$C' /=' C# 1=' F&F ="1' .1.' /=C' $%EO=$C-' C=' 1$%#&Q$="1' F I %22 CS' =' I =' C="1F C' 1%#1' ="1$FZ". -' =' $=JF$/F C' %$/=F#W-' 2=' C=#2' N# ' <]1' I %$"=' : F&F C' <F 1' F "C ' N#=' / F#1$=C' %DD%C 1 %"' M' E=' N#=' 2=' E%"E 2=' /=I F"/b1' M' 2=I D=$=#$' /=' <F $=' /#' /.E$=1' #"=' 2% ' /=' 2 1F1 ' : F&F C' / 1' N#=' 2F' 2% ' /=' 2 1F1' .1F 1' 2F' I Y I =' EO%C=' N# #"' C."F1#C+E%"C#21=' %$JF" N#=-' E =C1+M+/ $=' 2% ' < W=-' I I #FK2=' $ N#=' "%#C' "=' D%#& %"C' <F $=' #"=' 1=22=' /=I F"/=' N# FD$QC' N#=' 2=' DFD=' F#$F 1' FDD$%#&.' 2=' /.E$=1' E%"<%$ I =' M' CF' E%"E=CC %"' <F 1=' F#W' .&YN#=C' /.D#1.C ' =11=' $.<2=W %"' .1F 1' K%""=-' / F#1$=C' 2 FDD$%#&Q$="1-' I F C' 2F' C./#E1 %"' E%"1 "#F 1 ' :=' DFCCF ' /F"C' #"=' D QE=' &% C "=-' =1' =' D$ F ' 3 =#' /=' I F /=$' /=' I = I DYEO=$' /=' 1% I K=$' C ' E=' N# %"' D$%D%CF 1' .1F 1' I F#&F C ' :=' $=& "C' =1' 2=' EF$/ "F2' D$.C /="1' D$ 1' 2=C' &%1=C

D "F-' FC=22 -' %#$"F -' &$.=-' % I FEEO %-' $%L=C-' N# ' F&F ="1' .1.' C ' <=$ I =C' #CN#=+2M-' "=' <#$="1' DFC' / F& C' /=' $= =1=$' 2=' /.E$=1 ' %$/=F#W' C=#2' / 1' N#=' E=2F' .1F 1' "E%"E 2 FK2=' F&=E' E=' N#=' "%#C' F& %"C' / 1-' D=" /F"1' O# 1' %#$C-' C#$' 2 "E% I D.1="E=' /#' E%"E 2=' =1' N# 2' C %DD%CF 1' M' E=' N#=' 2F' E% I I CC %"' FEE./b1' M' #"' /.E$=1' CF"C' F&% $' D$.F2FK2= I ="1' E%"C#21.' 2=' DFD=' DF$' #"=' /.D#1F1 %"-' CF"C' N# 2' "%#C' =]1' F#1%$ C.C' M' <F $=' 2=' /.E$=1' /%"1' 2' C FJ CCF 1' =1' "=' 2 =]1' FDD$%#&.' 2# + I Y I =' =1' F& C' /=' %$0 /=F#W' I =' C%#1 "1-' I .E2F $F-' =1' .I C' 2=' I Y I =' &%1=' N#=' 2# ' F C' C#$' /%#X=' "%#C' <] I =C' 2=C' C=#2C' /=' E=' C="1 I ="1-' EF$' 2' =C1' "#1 2=' / %KC=$&=$' N#=' 2=C' 1$% C' .&YN#=C' <FE 2=C' =1' E%#2F"1C' F/ I $="1' D#$= I ="1' =1' C I D2= I ="1' 2=' /.E$=1 ' =' EF$/ "F2' =CEK' .1F 1' 1=22= I ="1' EOF$ I .' N# 2' FDD=2F 1' E=11=' D QE=' #"=' "CD $F0 1 %"' /=' 3 =#

2' .1F 1' 1F$/-' 2F' C.F"E=' C=' 2Q&=-' EOFE#"' C=' $=1 $=-' =WE=D1.' $%L=C' N# ' $=C1=' F&=E' I %' M' /Z"=$' EO=X' 2=' EF$/ "F2' =CEO ' :=' $=D$%EO=' M' $%L=C' C%"' &%1=-' 2' 2=' C%#1 ="1' <F K2= I ="1$' K ="1c1' 2=C' F"W .1.C' 2=' D$="" ="1-' =1' 2%LF2' E% I I =' 2' 2 =C1-' 2' 2=C' =WD%C=

,\ 7 9 ' :4 ;

F#' EF$/ "F2 ' 3 F#1$=C' J="C' .E2F $.C'E%""D Q1="1' 2F' 1$ C1=CC=' N# .' D$%#&F 1' $%L=C-' =1' 2=' $=" / ="1' 1%#1' / .C%2.' / =' C Y1$=' 2F CC.' C#$0 D$=" / $=S' %#$"F -' 2F' / $% 1#$=' I Y I =-' C="1' K ="1c1' 1% I K=$' 2=C' .EF 22=C' / =' C=C' L=#W' =1' C=' / .E / =' F#CC 1c1' M' C=' $.1$FE1=$' M' 2F' C.F"E=' / #' 2="/ = I F "

=' 2#"/ ' *' # 22=1-' ="&%LF ' M' %#$"F ' N#=2N# #"' / =' E%"0 < F"E=' D%#$' 2# ' <F $=' C="1 $' C%"' =$$=#$ ' ="&%L.' $=& "1' =1' I =' / 1' N#=' %#$"F -' ="' I =' CFEOF"1' J$.' / =' I F' / . I F$EO=-' " ="' F&F 1' DFC' =#' K=C% "' D%#$' C FD=$E=&% $' N# 2' F&F 1-.1.' C#$D$ C-' =1' N# 2' $.DF$=$F 1' CF' <F#1=

F' C.F"E=' C %#&$=' D "F' / 1' N# FLF"1' .D$%#&.' / =C' "N# .0 1#/ =C' =1' / =C' F2F$ I =C' C#$' 2=' &%1=' / =' 2F' &= 22=-+ 2' F&F 1' E%"C#21.-' D%#$' CF&% $' F#' #C1=' E=' N#=' E .1F 1' N# #"=' 2% ' / =' 2 1F1S' N# FLF"1' FDD$ C' N#=' E .1F 1' #"=' EO%C=' < W=-' N# ' %K2 J=F 1' 1%#C' 2=C' C# =1C' / =' 2 = I D=$=#$-' 2' "=' D%#&F 1' E%"C="1 $' M' 2F' / = I F"/ =' N#=' 2=' E%"E 2=' / =&F 1' <F $=' M' 2 = I D=$=#$' N#=' 2=/ 1' / .E$=1' <]1' .$ J.' ="' 2% ' / =' 2 1F1S' N# .1F"1' EF$/ "F2' =1' F$EO=0 &YN#=-' 2=' DFD=' D%#$$F 1' 2# ' $=D$%EO=$' / =' C Y1$=' 2 .' DF$' #"' 1=2' / .E$=1-' =1' N# 2' $.1$FE1F 1' C%"' &%1=' / =' 2F' &= 22=

FC=22 ' FDD#LF' 2 F& C' / =' D "F

%#$"F ' C=' 2Q&=' =1' $= I =1' C#$' 2=' K#$=F#' 2F' $.1$FE1F1 %"' / =' C%"' &%1=' D$.E./ ="1 ' =' EF$/ "F2' =CEO' 2# ' / 1' F&=E' #"=' J$F"/ =' 2%LF#1.i' d %"C= J"=#$-' &=# 22=X' K ="' 2 $=' E=1' FE1= ' 5 %#$"F ' 2=' 2 1 ' : F#$F C' &%#2#' 2 "C.$=$' E -' EF$' 2' <F 1' O%""=#$' M' E=' $=C0 D=E1FK2=' .&YN#=-' N# ' D%$4 ' / F"C' E=11=' / . I F$EO=' 2F' E%#$FJ=#C=' EF"/ =#$' / #"' "%K2=' =1' &=$1#=#W' EF$FE1Q$=-' I F C' 2 .&YN#=' / =' %#$"F ' " =#1' DFC' 2=' 1= I DC' / =' I =' $= I =11$=' F&F"1' C%"' F$$=C1F0 1 %"' E=11=' I D%$1F"1=' D$%1=C1F1 %" ' # -' 2' =C1' D2#C' K=F#' / =' C=' $=2=&=$' F "C ' N#=' / =' "=' DFC' 1% I K=$S' E =C1' 2M' E=11=' J2%$ =#C=' D." 1="E=' D2#C' =C1 I FK2=' N#=' 2 ""%E="E=

=' D$.C / ="1' / 1' 2%LF2= I ="1' N# M' D= "=' $%L=C' F&F 1' . I C' C%"

&%1=' /=' 2F' &= 22=-' 2' F&F 1' =#' /=C' $= I %$/C' N# 2' 2# ' F&F 1' =WD$ 0 I .C' CF"C' <= "1.

: %#K2 F C' /=' / $=' N# F&=E' 2F' I Y I =' /$% 1#$=' 2=' EF$/ "F2' =CEO' / 1' M' 2 %#&=$1#$=' /=' E=11=' C.F"E=' ï d =CC= J"=#$C-' D2#C =#$C' / ="1$=' "%#C' %"1' /#' $=J$=1' /#' &%1=' / O =$' ï E% I I =' $ ="' "=' /% 1' C=' <F $=' E ' DF$' C#D C=-' I F C' 1%#1' DF$' E%"& E1 %"-' =' $= I =1C' 2F' N#=C1 %"-' /.E /.=' O =$' C#$' 2=' 1FD C-' =1' =' $=JF$/=' E% I I =' "%"' F&="#' E=' N# ' F' .1 .' /.E /. ' $F" /' FE1=' /= 2%LF#1.' =1' O%"%$FK2=' /#' D$.C /="1+' ' I F' J$F" /=' C#$D$ C=-' $Y&=C-'

%#$C' =1' ! F"1=C' " #CQ$="1' DFC' /=' 2=#$' /$% 1' / F $ I =$' N#=' 2F' /.E C %"' .1F"1' E2%C=' 2F' &= 22=-' 2' " L' F&F 1' D2#C' M' ="' $=&=" $-' =1' N# %"' "=' D%#&F 1' 2F' $=D$.C="1=$' ' F&F C .1.' .&YN#='E%#$1 CF"-' /#' EF$FE1Q$=' N#=' F -' =#CC=' <F 1' F "C ' : F I =' M' E$% $=' N#=' 2=C' 1$% C' "C.DF$FK2=C' C=' 1#$="1' DF$' $=C1=' /=' C="1 I ="1' EF1O%0 2 N#=-' =1' CF1 C<F 1C' /=' &% $' N# #"' I F#&F C' D2F"' D%#&F 1' Y1$=' .EF$1. ' 2' 2=' <#1' E% I I =' %"' &F' 2=' &% $

FC=22 -' $%L=C-' &$.=-' DF$2Q$="1' /F"C' 2=' I Y I =' C="C ' =' /=$" =$' %KC=$&F' N# 2' F&F 1' 2F' &= 22=' /= I F"/.' N#=' 2=' /.E$=1' "=' /=& "1' DFC' 2% ' / 91F1' F&F"1' 2 FDD$%KF1 %"' /#' DFD=' % I FEEO %']1' E% I I =' E=#W' N#=' F ' E 1.C

=' D$.C /="1' I 1' #"=' I DF$1 F2 1.' / J"=' /=' 1%#1' .2%J=' M' $=0 E#= 22 $' 2=' $="%"E= I =#1' M' #"' &%1=' /F"C' 2=N#=2' 2' D=$C C1F 1 ':=' " F ' DFC' K=C% "' /=' / $=' N#=' %#$C-' ! F"1=C' C#$1%#1 ' $Y&=C' F#CC .1F ="1' /.C%2.C ' %#$C' I =' / 1' C#$' #"=' %KC=$&F1 %"' ï d =C1' #"= FKC#$/ 1.S' 5 =' 2# ' $.D%" / C' /=' C# 1=' ï d %"C= J"=#$-' E =C1' #"' E% I D2 I ="1-' I F C' E=' " =C1' DFC' #"=' D$=#&=' 5

D "F' D$%D%CF' N#=' 2=' /.E$=1' " =]1' <%$E=' /=' 2% ' N# FD$QC' 2 FD0 D$%KF1 %"' /#' DFD=S' FC=22 ' L' F %#1F' $ M = = = □ = = □ = ' = ' ! (' 2' 2=' / 1' E% I I =' E%"E2#C %"' /=' I %"' C="1 I ="1-' =1' N#=-' CF"C' /%#1=$' F#E#"= I ="1' /=' 2F' &.$FE 1.' /=' 2F' /.D#1F1 %"-' %"' "=' D$%E./F 1' DFC' F "C ' /F"C' 2=C' EO%C=C' O#+

I F "=C-' 1=22=C' N# #"' E%"1$F1-' #"='FEN# C 1 %"-' I Y I ='/ #"' K% C' %#' / #"='<=$ I =-' C#$' 2=' E%"C="1= I ="1' /%"".' DF$' ='&="/=#$-' =1' N# 2' <F22F 1' N# 2' C J"b1' =1' < 1' #"' FE1=' DF$' .E$ 1 ' $-' C 2' ="' =C1' F "C ' ="' F<<F $=C' /=' E=' I %"/=-' E% I I ="1' #"' E%"E 2=' D%#1+ 2' ="' I F1 Q$=Cs' J$F&=' FJ $' F&=E' I % "C' /=' I F1#$ 1.g' 2' D=#1' F$$ &=$' ="< "' N#=' 2=' DFD=' "='D=$C C1=' DFC' /F"C' 2F' E%"E=CC %"-' =1' F2%$C-' 2=' E%"E 2=' C=' 1$%#&=$F' F&% $' <F 1' #"' /.E$=1' <#"=C1=' =1' "#2

FC= "-' CF C CCF"1' I %"' /.=-' F %#1F' M' 2F' D$%D%C 1 %"' /=' D "F' N#=' 2=' /.E$=1' " F#$F 1' <%$E=' /=' 2% ' N# FD$QC' 2 FDD$%KF1 %"' /#' DFD=' ' E=11=' E2F#C=' ï (' ' ' ' ' ' ' ' ' 2' L' % J" 1' E=11=' F#1$=' ï d 11="/#' N#=' 2 F/ / 1 %"' ï) ' ' ' % ' ' " "='C=' 1$%#&=' DFC' /F"C' 2F' E%"E=CC %"' /#' DFD=' 5 .1F 1' 2 = I D=$=#$' N# ' F&F 1' / 1' F#' EF$/ "F2' =CEO' /.C $=$' E=21=' F/ / 1 %"

='EF$/ "F2' D$ 1' 2=C' &%1=C-' 2' L' ="' =#1' C -q' D%#$' 2F' D$%D%C 0 1 %"' /=' D "F' F&=E' 2=C' F/ / 1 %"C' /=' FC=22 ' =C' <FE 2=C' /%"0 "Q$="1' 2=' I Y I ='&%1=' N#='2F' &= 22=' %$/=F#W-' D=$C C1F"1' F "C ' N#=' I %' /F"C' "%1$=' &%1=-' / 1' ï d 7% "1' /=' /.E$=1' /#' E%"E 2=' CF"C' FDD$%KF1 %"' /= I F"/.=' =1' %K1="#=' /#' DFD=' 5

! F"1=C' =1' %#$C' %"' J. I CCF ="1'=1' / CF ="1$' d %#1'=C1' D=$/# 5' ! F"1=C' F22F' #CN# M' / $=' N#=' 2=' CEO C I =' E% I I ="E=$F 1' K ="1c1' =1' N#=' 2F' "%"+F/ I CC %"' /#' /.E$=1' ="' C=$F 1' 2F' EF#C=' 1$F"J=C' CEO C I F1 N#=C' N#=' /=C' .&YN#=C' N#' C#CD=" /="1' #"' /.E$=1' /=' E%"E 2=' DF$1 E#2 =$' #CN# M' 2 FDD$%KF1 %"' /#' DFD=s' %#$C' I =' E 1F' F#' #J= I ="1' /=' 3 =#-' 2' I =' / 1' N#=' =' $.D%"/$F C' /=' 1%#C' 2=C' I F#W' <#1#$C' /=' 2 J2 C=' F' $.D%"C=' <#1' ï d:=' &%#C' E 1=' &%#C+' I Y I =' M' E=' #J= I ="1' 5

=CEO' / 1' F&=E' "FV&=1.' ï d 2' <F#1' D%$1=$' M' 2 = I D=$=#$' E=' EOF"0 J= I ="1-'=1' ='C# C' K ="' EF I D.-' EF$' ='2#' F' / 1' O =$' F#' C% $' N#=' 2=' /.E$=1' F&F 1' DFCC.' F&=E' #"=' J$F"/=' I F %$ 1.' M' 2F' E% I I C0 C %"' 5 2' D$%D%C=' M' %#$C-' ! F"1=C' =1' $Y&=C' / F22=$' / $=' M

2 = I D=$=#$' E=' EOF"J= I ="1' /=' &%1=' =C' 1$% C' O.$%C' $=<#C="1 '
2%$C' 2=' EF$/ "F2' F&=E' C I D2 E 1.' / 1' S ' O' K ="-' $F ' /%"E-'
I F C' :=' "=' $.D%" /C' "#22= I ="1' /=' E=' N# ' F$$ &=$FS' &%#C' D%#$0
$ =X' K ="' F&% $' D$%"%"E.' 2F' / CC%2#1 %"' /#' E%"E 2= ' 5 ! %#C' ="'
=#CC %"C' .1.' I ./ %E$= I ="1' F1 2 J.C-' EF$' 2 =CC="1 =2' " =C1' DFC' /%'
& &$=-' I F C' /=' K ="' & &$=-' =1' C#$1%#1' /=' 1=" $' F#W' D$ "E D=C '
%$/=F#W' &%1F' F "C ' N#=' I %' E% I I =' 2F' &= 22=' ï 7% "1' /=' /.E$=1'
CF"C' FDD$%KF1 %"' D$.F2FK2=' /#' DFD=' ; % 2M' 2=' D$.E C' $FD /=' /='
2 =CC="1 =2' / #"=' C.F"E=-' %a' 2 %"' & 1' K ="' N#=' /=' K%"C' .&YN#=C'
F&F ="1' D#' C=' 1$% I D=$' 2F' &= 22=-' I F C' CF&F ="1' $=&=" $' =1'
C=' I %"1$=$' "FEE=CC K2=C' F#W' E%"C /.$F1 %"C-' F#W' E$F "1=C'
O# I F "=C ' :=' $=& ="C' F#W' /.1F 2C

#$' I =C' %KC=$&F1 %"C' =1' I %"' %DD%C 1 %"' M' E=' N#=' 2=/ 1'
/.E$=1-' I c I =' D%#$' E=#W' N# ' 2 F/ I =11F ="1' I %/].-' /=& "1' DF$'
2F' /= I F"/=' /#' E%"E 2=' 2% ' /=' 2 1F1-' %#$"F ' / 1' ï d 3 F#1F"1'
I % "C' N# F2%$C-' C ' "%#C' I F"N# %"C' M' E=11=' 2% -' "%#C' C=$ %"C'
C%#C' 2F' & "/ E1=' /=C' 2% C' I c I =' F#' E$ I "=2-' =1' =WD%C.C' F#W'
$.N# C 1% $=C-' /.E$=1C' /=' D$ C=' /=' E%$DC' =1' D2#C-' /=' 2F' DF$1' /#'
I " C1Q$=' D#K2 E ' 5 ! F"1=C' &%#2#1' C%#1=" $' N#=' "%"-' DF$E=' N#='
2=' /.E$=1' .1F"1' E%"/ 1 %" "=2-' /.D=" /F"1' /=' 2 FDD$%KF1 %"' /#'
DFD=-' /=&="F 1' "%"' F&="#-' C 2' "=' 2F' /%" "F 1' DFC ' %$/=F#W' 2#'
$=DF$1 1' & &= I ="1' ï d "1.$ I -' E% I I ="1' &%#C' 1 $=$=X+&%#C' /=C'
J$ <<=C' / #"' D$%E#$=#$' I D.$ F2' g' 5

: %KC=$&F ' ="C# 1=' N#=-' I Y I =' =" F/ I =11F"1' (E=' N#=' F&F C'
$=<#C. ' 2=' /.E$=1' =" N#=C1 %"-' 2' <F22F 1' ".E=CCF $= I ="1' 2=' $=C1$= "0
/$=' -' DF$E=' N# 2' .1=" /F 1' 2=' /$% 1' /=' "% I "F1 %"' /=' 2 = I D=$=#$'
F#W' .&YEO.C' /%' 1%#1' 2 = I D $=-' /%"E' F#W' 1F1C' /#' DFD=-' E=' N#=' 2F'
C=#2=' /.E="E=' / E1=$F 1' /=' "=' DFC' <F $=-' %#1$=' N#=' /F"C' CF' E%"0
E=CC %"' 2=' DFD=' " F&F 1' F/ I C-' / CF 2+%"-' E=' /$% 1' N#=' D%#$' 2F'
%CEF"=-' 7F$ I =' =1' 72F CF"E=-' =1' "%"' D%#$' C=C' D$%D$=C' 1F1C '
=' EF$/ "F2' =CEO' =1' 1%#1=' 2F' E% I I CC %"' FDD$%#&Q$="1' I %"

S:= 7 ' :4 ;

F& C ' 2' <#1' E%"&="#' N#=' 2=' / .E$=1' C=' K%$"=$F 1' F#W' E%"1$.=C' E% I D$ C=C' /F"C' 2F' E%"E=CC %"' /#' DFD=S' % I FEEO %-' N# '="1="/' I F2' 2=' <$F"PF C' =1' "=' 2=' DF$2=' DFC-' / 1' " F&% $' DFC' K ="' ="1="/#' 1%#1-' =1' /.E2F$F' N# 2' F&F 1' DF$' =$$=#$' F/O.$.' F#' /.E$=1' D#$' =1' C I D2=- E$%LF"1' N#=' 2 FDD$%KF1 %"' D$.F2FK2=' /#' DFD=' L' .1F 1' "C.$.=-

' 2F' C.F"E=' /#' 2="/= I F "' I F$/ -' 2=' EF$/ "F2' / 1'F&% $' 1$%#&.' 2F' &= 22=' 2 = I D=$=#$' FCC=X' EF2 I =' C#$' 2 %K =1' N# ' %EE#DF 1' 2F' E% I 0 I CC %"' =1' N# 2' 2# ' F&F 1' / 1' í d 7% "1' /=' E $E%"2%E#1 %"-' / 1=C' "=11= I =" 1'E=' N# =22=' D="C=S' 5' N# $ F&F 1' / 1' =1' F&F 1' .1.' .E%#1.' CF"C' O# I =#$S' d/=' C%$1=-' F %#1F+1+ 2' JF = I ="1-' N#=' gU' /=' $Y&=C-' %#$C' =1' ! F"1=C' /% &="1' C=' $=D="1 $' / F&% $' 1%#C' $=0 <#C.' /=' I FEE% I DFJ"=$' M' F "1+ 2%#/' 5 %#$C' $=D$ 1' F#CC 1c1' í d ; $F I ="1-' "%#C' " F&%"C' DFC' .1.' K$F&=C ' J 7=$C%"'="=' "=' E%"0 1=C1F' E=1' F&=#' /%' 2F' D%21$%""=$ =' /=' I =CC= J"=#$C' C#C"% I I .C ' 1' $.=22= I ="1' 2' <F#1' F&% $' D=#' /=' E%#$FJ=' D%#$' $=<#C=$' DF$= 22=' I CC %"-' C#$1%#1' & C+M+& C' / #"' D$ "E=' N# ' 1$F 1=' E=C' .&YN#=C+2M' F&=E' #"=' D$./ 2=E1 %"' 1$QC+DF$1 E#2 Q$=

=' EF$/ "F2' F %#1F' N# F#' $=C1=-' C ' 2 = I D=$=#$' " F&F 1' DFC' I %"0 1$.' /=' E%2Q$=-' 2' " ="' .1F 1' DFC' D2#C' E%"1="1' /=' 2F' E% I I CC %"' $ N# 2' F&F 1' / 1' í d : F ' I F' E% I I CC %"' / F&%EF1C' N# ' C FCC= I 0 K2="1' EO=X' 2=' J$F"/' # J =-' =1' $F ' ="' F&F"1' C ' =' &=#W' $ D# C0 N# 2' ="' =C1' F "C -' =' / CC%#/$F ' 2=' Ec"E =' /QC' /= I F "' 5' = EF$/ "F2' 2# ' ="']1' %KC=$&=$' 1%#1=C' 2=C' "E%"&="F"E=C'$ N#=' E .1F 1' 2# ' N# ' 2 F&F 1' &%#2#' -' N# 2' 2 F&F 1' EOF$J.' /=' 2F' N#=C0 1 %"-' N#=' 2F' E% I I CC %"' D%#&F 1' F&% $' #"' F& C-' =1' 2=' E%"0 E 2=' #"' F#1$=S' N# 2' <F22F 1' ".E=CCF $= I ="1-' / FD$QC' 2F' &%2%"1.' /#' C%#&=$F "-' N# 2' D$%"%"Pb1' %#' %#' "%"' C#$' 2 %K =1' /#' I =C0 CFJ=' = I D=$=#$' C=' $=" / 1' M' E=C' $F C%"CS' 2' D=$ I 1' 2=C' E%"0 J$.JF1 %"C' J."$F2=C' N# 2' F&F 1' C#CD="/#=C' #CN# F2%$C-' I F C' 2' F %#1F' $ d :=' &=#W' N#=' 1%#1' C% 1' /.E /.' / E ' M' / I F"EO=

), ' /=' E=' {""%C' 5 =' EF$/ "F2' E% I KF11 1' D=#' E=21=' I D%CC K 0 2 1. ' = I D=$=#$' $=D$ 1' í d F C' ="E%$=-' N# =C1+E=' N# ' 2=#$' / .0 D2FZ1' 2=' D2#C /F"C' E=' D$% =1' /=' /.E$=1'g' 5 =CEO' $.D%"/ 1' N#=' E .1F 1' 2F' /= I F"/=' N# 2' <]1' <F 1' 2%' /=' 2 1F1 ' d ' E=2F' 2=C' JY"=-' 2' " L' F' N# M' 2 c1=$' /#' /.E$=1S' F#CC ' K ="' =' 2=' <=$F ' N#F"/' =' &%#/$F ' 2%' /=' 2 1F1 ' 5 =11=' E%"E=CC %"' I D.$ F2=' 1' D2F C $' M' =CEO-' N# ' F %#1F' N#=' 2F' E% I I CC %"' D="CF 1' "=' D%#&% $' <F $=' #"' D$% =1' /=' /.E$=1' N# F&=E' 2 FDD$%KF1 %"' /#' DFD=-' %K1="#=' /=' 2#' DK$' .E$ 1-' DF$' 2F' /.D#1F1 %"' /#' E%"0 E 2=' N#=' 2 = I D=$=#$' E%"C="1 $F 1 ' = I D=$=#$' <Z1' 2F' J$ I FE=' M' E=11=' D$%D%C 1 %"' ' =' EF$/ "F2' 1' F/$% 1= I ="1' &F2% $' N# 2' ="' .1F 1' ="' DF$1 =' 2F' EF#C=-' D%#$' F&% $' /= I F"/.' 2 "C=$1 %"' F#' /.E$=1-' N# F#' EFC' /=' 2F' I %$1' /#' I .1$%D%2 1F "' 2=' D2#C' F"E ="' .&YN#=' /=' 2F' D$%& "E=' =EE2.C FC1 N#=' 2 "C1 1#=$F 1S' E=2F' " .1F"1' DFC' /F"C' 2F' E%"E=CC %"' /#' DFD=-' 2=' E%"E 2=' "=' D=#1' 2 "C.$=$' /F"C' C%"' /.E$=1' N#=' CF#<' 2 FDD$%KF1 %"' /#' DFD=-' N#=' 2F' E% I 0 I CC %"' #J=' / F 22=#$C' Y1$=' FKC%2# I ="1' ".E=CCF $=' D%#$' N#=' E=1' FE1=' ="1 =$-' F 1' <%$E=' /=' 2% -' I Y I =' N#F"1' F#W' J2 C=C' /=' $F"E=' =1' / 1F2 = ' = I D=$=#$' 1. I % J"F' /.D2F CF"E=' /=' E=2F-' I F C' CF"C' .E2F1=$ '))' F %#1F' í d "' CF 1' / F 22=#$C' N#=' 2F' E% I 0 I CC %"' 1 ="1' <=$ I =' =1' =22=' F' $F C%"' ' 5 $F"/' =W= I D2=' N#=' 2 %"' " =C1' =C1 I .' N# ="' <F CF"1' C%"' /=&% $

=' D$ "E=' F&F 1' / 1' M' ! F"1=C' 2=' / I F"EO=' D$.E./="1' í d O' K ="-' I %"C =#$' 2 .&YN#=-' &%#C' "=' KF11=X' D2#C' N#=' / #"=' F 2=S' 5 O' N#% ' Z' $=DF$1 1' E=11=' D2F1=' DO$FC=' í d Z' "%' 1 ="1' N# M' ; %1$=' F0 =C1.' N#=' "%#C' &%2 %"C' /=' "%C' D$%D$=C' F 2=C ' 5 C I %"/-' "1=$D=22.' DF$' 2 = I D=$=#$' M' 2 F#/ ="E=' D#K2 N#=-' C#$' 2F' $F /=#$' /#' E%"E 2=-' $.D%"/ 1' ="' .&YN#=' =1' C=' 1' O%" "=#$-' C#$1%#1' =" / CF"1' N#=' 2=C' $ J#=#$C' "=' EOF"J="1' DFC' 2=C' E%"CE ="E=C ' % I FEEO %-' D$.2F1' 1$QC+$=CD=E1FK2=-' <#1' 2=' I Y I =' %#$' K ="' 1$F 1.' DF$' 2 = I D=$=#$ ' Z' D$%81F' /=' 2F' E $E%"C1F"E=' D%#$' 2#' /= I F"/=$' 2F' 2 K=$1.' /#

; ' 1

1%1"' "71"(" (' (1& -)9 %1(2+ ' 7&7") -." 8$ * ">& ' 4
C "+) % ' #& # "' ' 7 ">1(7"(' +"+ P >' + (' #"' + I") ' F
1(2+ "' (#) ! "' V"+#E' *8) -& +% #& "(+%) & ' -& % " "'
% "# "71"(" (9 (&W"+9 (%11"%) #"' ! ' % %)) ' -) 1 K
+ " (+ *& +9 %l&)% I - #" +"7") ! & ' "' 1& %) 1%+ 1(K
)" -(" % & (' "' #& #"++ & ' "(J%"' - ' 1%1"8 C#%(9 - +%)
(&W"+9 & + % (& +)" "' #& #"++ & ' -"' 9 ! "' + ' & +%+K
+ (%) " ' 1 " ' #& # "' ! ' %###&(-"')" +%() # "+' & # #& (#)
-"' 7"++" ' " (+9 % >! " +I"' -& "' %++ (7") #& *8% #"9 "
1") J%+"(' "' (+&) & ' - ' #& # "' F & (+ &) +&)" ('
! "' "' (+)%) 7 + 1%(' #() ' % & + -"+ #& #"++ & + - '
1%1"9 ") %11(& ' -"' 9)%) ' %#)"' %)E") ! "' -"' #"+
#& #"++ & +' (&W"+ (1& -) ! "' "' (#))%) 1%+ 1 + ! "
% 1%(&"' -"' 7"++" ' " (+9 7% + ! "')&) #" % "' 1& %))("
&7 7 ' #& #"++ & ' "(J%"' - ' 1%1"

%#$"F ' F&F 1' / FK%$/' .1.' EOF$J.' /#' $FDD%$1' N#=' 2F' E% I 0
I CC %"' /=&F 1' <F $=' F#' E%"E 2=-' 2' /= I F" /F' / ="' Y1$=' / CD="C.S'
! F"1=C' 2 FEE=D1F' / FK%$/-' D# C' 2=' $=<#CF' F "C ' N#=' %#$C-' C#$'
' N#=' 2F' I F %$ 1.' /=' 2F' E% I I CC %"' F&F 1' . I C' #"&%1=' %DD%C.'
F#' 2=#$ ' 7 1%LFK2=' I %1 < ' =CEO' ="JFJ=F' %#$"F ' M' $=D$="/$='
2=' $FDD%$1S' 2' FEE=D1F' C=#2= I ="1' DF$' /.<.$="E=' D%#$' C=C' E%22Q0
J#=CS' $%L=C' 2# ' <#1' F/ % "1' D%#$' 2F' $.12FE1 %"' S C#$' N#% ' =
<=$F ' E=11=' $= I F$N#=' C "J#2 Q$=-' N# M' 2 FCC= I K2.=' /=') * -' =1'
D=" /F" 1' 2=C' / <<.$=" /C' /%' 2F' E%#$' /=' $F"E=' F&=E %' CF "1+C QJ='
D%#$' 2=C' K#22=C-' E% I I =' /=' "%C' %#$C-' E=' <#1' F#CC ' 2 .&YN#=' /%'
%#$"F ' N# ' <#1' EOF$J.' /#' $FDD%$1' M' 2 FCC= I K2.=

"' (%11&() -"' &)("' #&7 7 ++ & ' *) ' ") %11(& ' '2("K
7")9 % - +# ++ & ' & - (% ' 2("9 & ')%) #& " ' -"(- ("
#"))" 1 2#"' ')%) -"' +! # ") "9 7% '(' "+ &J+"(%) & + -"' & (K
%' 7[7"9 ") -" 1 +" (+ -"+"+ #& 2' "+
+' +")"(7 % #&))" #&7 7 ++ & 9 ! 9 & + "+1 (& +

1%(+% *"(7l\) ' ' - *" -(" "+ 1(# 1"+ % - +# 1 " ' (% "
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=' EF$/ "F2' =CE2 -' FD$QC' 2=E1#$=' /=C' CN#=2=11=C' /=' D$%EQC+' &=$KF#W-' / 1' N#=' 2F' E%"J$.JF1 %"' D$%EOF "=' .1F 1'< W.=' F#' &="0 /$=/ ' , ' # 22=1 ' :=' DFCCF ' 2=' $=C1=' /=' E=21=' %#$".=' /#' , ' M' &% $' I =C' I = 22=#$C' E%22QJ#=C' =1' M' E%"&=" $' /=' 2F' & J#=#$' M' I %"1$=$' /F"C' 2F' / CE#CC %"' N# ' C= I K2F 1' /=&% $'C %#&$ $ ' 4C' ="' <#$="1' / F& C' =1' "%#C' E% I K "b I =C' 2=C' I %L="C' /=' /.<="/$=' 2F' K%""=' EF#C=

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F' C# 1=-' "%"' /#' E%"E 2=-' EF$' 2' " L' ="' =#1' D2#C-' I F C' /=' C%"' C I #2FE$=-' F' .1.' .E$ 1=' DF$' #"=' D=$C%""='EFDFK2=-'C]$='=12K%""=' EF1O%2 N#=' "' 2F' % J"F"1' F#' %#$"F2' %"' F#$F' 2 O C1% $=' E% I 0 D2Q1=' /=' E=21=' .D%N#=' =' N#' C# & 1' 2F' K$ C#$=' /#' E%"E 2=' 2=' , ' # 22=1' =C1' K ="' F<<2 J=F"1' =1' 2F' <F K2=CC=' <#1' J$F"/=' =' C=#2' F$EO=&YN#=' /=' %$/=F#W' 1 "1' <=$ I =' #CN# F#' K%#1' =1' $=C1F' CF"C' 1FEO=' 8#=2N#=C' .&YN#=C' C .1F ="1' $=1 $.C' FD$QC' 2=' /.E$=1' N#' F&F 1' / CC%#C' 2=' E%"E 2=' =1' "=' D=#&="1' Y1$=' E% I D$ C' /F"C' 2=C' F/O.C %"C' C#KC.N#="1=C' M' E=' N#=' 2=' E%"E 2=' I Y I =' F&F 1' $= =1.

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C=' DFCCF' ="1$=' 2F' C.F"E=' N# ' =#1' 2 =#' EO=X' 2=' I " C1$=' /=C' E#21=C' 2=' 2#"/ ' \' # 22=1' =1' %a' <#$="1' E%"&%N#.C' 1%#C' 2=C' .&YN#=C-' M' 2 =WE=D1 %"' /=' E=#W' N# ' F&F ="1' $=<#C.' /=' C J"=$' 2F' /.E2F$F1 %"S' J"%$=-' / C+ =-' E=' N# ' C =C1' DFCC.' /F"C' E=1' "1=$&F22=' #CN# M' 2F' E%"J$.JF1 %"' N# ' =#1' 2 =#' 2#"/ ' `' F%]1' =1' %a' <#$="1' E%"&%N#.C' 1%#C' 2=C' .&YN#=C' D$.C="1C' M' 7F$ C' =1' N# ' 2#1' D$.C /.=' DF$' $ 2=' EF$/ "F2' =CEO ' &F"1' /.E$ $=' 2=' /.1F 2' /=' E=11=' C.F"E=-' =' &F C' DFCC=$' M' I F' C=E%"/=' E%"&=$CF1 %"' F&=E' <' 2=' EF$/ "F2-' 2=' ,F%a1) *

LF"1' FDD$ C' 2=' / I F"EO=' C% $' N#=' 2=' 2="/=I F "' 2' L' F#$F 1' #"=' E%"J$.JF1 %"' J.".$F2=-' =' I =' $="/ C' EO=X' >3((2=' EF$/ "F2' F&=E' I F' 1F"1=' ! %#C' 2# ' =WD$ I b I =C' / FK%$/' 2F' E%"< F"E=' N#=' "%#C' F& %"C' /F"C' C%"' "1.$Y1' $=2F1 &=I ="1' F#W' D$ C%"" =$CS' 2' "%#C' $.D%"/ 1S' d8#=' &%#2=X+&%#C' N#=' =' <FCC=g' =' "=' D# C' $ ="-' =' "=' C# C' DFC' K ="' F&=E' 2 =I D=$=#$' =1' " F ' F#E#"' E$./ 1S' F ' DF$2.' E=' I F1 "' ="' 2=#$' <F&=#$-' 2' I F' DF$#' I % "C' =WFCD.$.-' C#$1%#1' E%"1$=' 2=C' .&YN#=C' /=' F"/' =1' /=' %#$"F ' N#=' E%"1$=' 2 .&YN#=' /=' $%L=C ' =' N# I F' K=F#E%#D' C#D C-' F %#1F+1+ 2-' EF$' =' E$%LF C' 2=' E%"1$F $=-' 2' I F' / 1' î .&YN#=' /=' %#$"F ' =C1' #"' <%#' S N#F"1' M' 2 .&YN#=' /=' F"/-' E =C1' #"' =#"=' O% I I =' /F"C' 1%#1=' 2F' <%$E=' /=C' DFCC %"CS' =1-' M' C%"' F $-' =' & C' K ="-' F %#1F' 2=' EF$/ "F2-' N# 2' "=' 2=#$' ="' &%#2F 1' DFC' K=F#E%#DS' E=D="/F"1' 2' "=' / 1' $ ="' " D%#$" " E%"1$=' 2=#$' C%$1 = ' 5 6 ':=' D$ C' %EEFC %"' /=' 2M' /=' 2#' / $=' î d F C-' I %"C= J"=#$-' E=2F' C= I K2=$F 1' " / N#=$' N#=' 2 = I D=$=#$' "=' C=$F 1' DFC' <bEO.' N#=' 2=C' .&YN#=C' /= I F"/FCC="1' 2F' 2 K=$1.' /=' 2=#$C' E%"<Q=C-' D%#$' F&% $' #"=' $F C%"' /=' 2=C' $=2bEO=$' =1' /=' $=&=" $' / #"=' EO%C=' N# 2' F&F 1' <F 1=' /F"C' #"' I %#&= I ="1' /=' & &FE 1.S' 5 N#=' =' E$%LF C' / FD$QC' E=2F' N#=-' C 2' /%""F 1' 2 I 0 D#2C %"-' 1%#C' 2=C' .&YN#=C' C=' % "/$F ="1' M' 2# -' EF$' 2C' F&F ="1' .1.' F11FN#.C' /F"C' 2F' D=$C%""=' /=' E=C' I =CC =#$C ' d =2F' =C1' &$F ' I =' / 1+ 2-' I F C' =' "=' D# C' %#&$ $' E=1' F& CS' /=' I F' DF$1' E=2F' C=+

7:1 2Z ' :4 ;

" 1' E%"C /=$ ' E% I I =' #"' FE1=' /=' $.&%21=' J 6 ' : K ' 2F' E=$1 1# /=' N# 2' E$%LF 1' N#=' D=#' / .&.N#=C' DF$2=$F ="1' ="' <F&=#$' /=C' D$ 0 C%"" =$C' =1' N# 2C' "=' C=$F ="1'DFC' I c I =' C%#1="#C'DF$' 2=C' F#1$=C ' 6 ' d 8#=' &%#2=X+&%#Cg' / #"' Ec1.' %"' F' D=#$' /=' ; "E="'=C-' /=' 2 F#1$=' %"' E$F "1/=' D=$/$=' C=C' $=&="#C 6 ' F C-' I %"C= J"=#$-' 2# ' / C+ =-' 2' L' F' /=C' %EEFC %"C' %a' 2' =C1' K ="' O%"%$FK2=' / .1$=' /.D%# 22.' /=' 1%#1-' F#' I % "C' %"' F' D%#$' C% ' 2F' DF W' /=' 2F' E%"0 CE ="E=' N# ' =C1' / #"' J$F"/' D$ W ' 6 ' ; %#C' DF$2=X' E% I I =' #"=' CF "1=-' 5' I =' / 1' 2=' EF$/ "F2-' ' N#% ' =' 2# ' $.D2 N#F ' ĩ d F C-' I %"C= J"=#$-' 2=C' .&.N#=C' /% &="1' 2 c2$=' K ="' /F&F"1F J=' ="E%$= 5' 2' I =' $.D%"/ 1' ĩ d =' M' N#% ' =' I =' K%$"=' /F"C' E=' I % I ="1-' E =C1' M' = I DYEO=$' 2=' CEO C I =' N# ' =C1' 1%#1' D$QCS' "%#C' C% I I =C-' F %#1F+' 1+ 2' -' /F"C' #"=' 1=$$ K2=' D%C 1 %"' ' :=' " F#$F C' F I F C' E%"C="1 ' M' F22=$' M' 2 FCC= I K2QF' /=' / = I F "-' N#=' =' "=' $=JF$/=' "#22= I ="1' E% I I =' #"' E%"E 2=S' 2' " L' =#' F' D2#C-' 2' F' .1.' / CC%#C' 2=' %#$' %a' E=C' I =CC =#$C' %"1' .1.' F$$Y1.C' $ E=' %#$+2M-' 2F' 2 K=$1.' F' E=CC.-' %$' 2' "=' D=#1' DFC' L' F&% $' /=' E%"E 2=' CF"C' 2 K=$1.S' 2=' E%"E 2=' " F' &.$ 1FK2= I ="1' =W C1.' N#=' D=" /F"1' N#F1$=' %a' E "N' C.F"E=C-' %a' $.=22= I ="1' %"' D%#&F 1' /%""="$' C%"' %D " %" ' 5' =' EF$/ "F2' "%#C' / 1' ="E%$=' N#=' $.&.N#=' /=' ! F"1=C' F&F 1' DF$2.' 1$QC+<%$1= I ="1' M' 2 = I D=$=#$-' D%#$' 2F' C%$1 =' /=' E=C' I =CC =#$C ' d 22=X' 2=' &% $-' "%#C' / 1+ 2-' EF$' 2' <F#1' &%#C' F/$=CC=$' F#W' J="C' FJ$.FK2=C' M' 2 = I D=$=#$-' =1' =' "%' 2=' C# C' DFCS' &%#C' "=' &%#2=X' DFC' 2=' E$% $=-' =' C# C' 1%#1' F#CC ' I F2' F&=E' 2# ' N#=' 2 =&QN#=' /=' F"/'$ F22=X' 1$%#&=$' 2 .&QN#%' /=' ! F"1=CS' / 1=C+2# ' N#=' =' &%#C' F ' DF$2.' /=' E=' N# 2' / 1' M' 2 = I D=$=#$' =1' ="JFJ=X+2=' M' DF$2=$' F#' E%"E 2=-' 2' D=#1' K=F#E%#D' D2#C' N#=' I % ' 5' ; % 2M' M' D=#' D$QC' 2=' $.C# I .' /=' E=11=' C=E%"/=' E%"&=$CF1 %"' F&=E' 2=' EF$/ "F2' =CEO

:=' $=& ="C' I F "1="F"1' M' 2 "1=$&F22=' N# ' =#1' 2 =#' ="1$=' 2F' / C0 C%2#1 %"' /#' E%"E 2=' =1' 2F' C.F"E=' J.".$F2=' N# ' =#1' 2 =#' 2=')' F%]1')*)) ' =' 1= I DC' <#1' = I D2%L.' M' <F $=' &=" $'C#EE=CC &= I ="1

2=C' .&YN#=C -' C% 1' EO=X' 2=' I " C1$=' /=C' E#21=C-' C% 1' EO=X' 2=' I " C1$=' /=' 2F' D%2 E=-' =1' M' = I D2%L=$' D2#C' %#' I % "C' /=' I ="FE=C' D%#$' 2=C' ="JFJ=$' M' ="1$=$' /F"C' 2=C' &#=C' /#' J%#&=$"= I ="1 ' "' =W J=F' / =#W' #"=' /.E2F$F1 %"' /=' 2=#$C' D$ "E D=C' N# ' <]1' C J".=S' D2#C =#$C' C=' $=<#CQ$="1' M' ="' /%""=$' F#E#"=-' ="1$=' F#1$=C' 2F$EO=&YN#=' /= %$/=F#W ' "<2"' 2=' \' # 22=1-' 2=C' .&YN#=C' N# ' F&F ="1' /%"".' /=C' /.E2F$F1 %"C' <#$="1' E%"&%N#.C' EO=X' 2=' I " C1$=' /=C' E#21=C-' N# ' E% I I ="PF' 2F' C.F"E=' D%#$' DF$2=$' /=C' .&YN#=C' F$$Y1.C-' ="1$=' F#1$=C' /=' I %"' <Q=-' / CF"1' N# 2' .1F 1' K ="' .1$F"J=' N#=' 2=' E%"E 2=']1' D#' EO% C $'D%#$' I = I K$=' / #"=' E% I I CC %"' /=' E%"< F"E=' #"' O% I I =' N#=' 2 = I D=$=#$' F&F 1' EOFCC.' /=' CF' D$.C="E=' (<F CF"1' F22#C %"' M' 2F' CEQ"=' /=' 2 = I D=0 $=#$ S' N#=' / F 22=#$C' 2' F&F 1' .E$ 1'M'C=C' E#$.C' D%#$'2=C' = I DYEO=$' /=' D$Y1=$' 2=' C=$ I ="1' /=' 2F' 2.J %"' / O%""=#$-' =1E -' =1E ' D$QC' E=C' / F1$ K=C-' 2=' I " C1$=' D$%D%CF' 2F' 2=E1#$=' /#' /.E$=1' E + % "1'=1' /= I F"/F' 2F' C J"F1#$=S' D2#C =#$C' .&YN#=C' <%$1' X.2.C-' ="1$=' F#1$=C-' / 1+%"-' 2=' EF$/ "F2' F#$L-' <#$="1' C#$+2=+EOF I D' D%#$' C J"=$-' I F C' <' 2 .&YN#=' /=' FCF -' C=' 2=&F-' =1' / 1' F#' I " C1$=i' d %"C= J"=#$-' "%#C' "%' D%#&%"C' /%""=$" "%1$=' F/O.C %"' CF"C' F&% $' D$.F2FK2= I ="1' $.<2.EO ' /F"C' #"=' I F1 Q$=' C ' I D%$1F"1=S' N#F"1' M' I % -' =' /.E2F$=' N#=' C 2' <F#1' /%""=$' M' D$.C="1' I F' C J"F1#$=-' =' 2F' $=<#C= 5' =' I " C1$=' F2%$C' C=' $F/%#E 1'=1' / 1N#=' 2 "1="1 %"' /=' 2 = I D=$=#$' " .2F 1' "#22= I ="1' / =W J=$' E=' %#$+' O' 2=#$' C J"F1#$=S' N# 2' 2=#$' /%""=$F 1'2=' 1= I DC' /=' $.<2.EO $-' =1' N#=-' D%#$' C=E%"/=$' 2=#$C' &#=C2E=1' .JF$/-' 2' 2=#$' C=$F 1' ="&%L.' M' /% I E 2=' E%D =' /#' /.E$=1'=1' /=C' F$1 E2=C' D$.2 I "F $=C-' E=' N#' =#1' 2 =#' ="' =<<=1' "' / 1' N#=' 2=' I " C1$=-' D=#' E%"1="1' /=' 2F' $.D%"C=' / ="& $%"' & "J1' .&YN#=C-' 2F' 2=#$' $="&%LF' F C' 2' =C1' 1= I DC' I F "1="F"1'N#=' =' DFCC=' M' 2F' E%"&=$CF1 %"' /=' 2 .&YN#=' /=' ! F"1=C-' EO=X' 2=N#=2' "%#C' F22b I =C' 2=' `' F%]1' F#' I F1 "' F&F"1' 2F' C.F"E=' F' 1F"1='=1' I %' E% I I ="Pb I =C' DF$' 2#' ' / $=' N#=' "%#C

&=" %"C 2=' $= I =$E =$-' DF$E=' N#=' "%#C CF& %"C-' DF$ ='2=' EF$0 / "F2 =CEO-' N# 2 F&F 1' DF$2.' M 2 = I D=$=#$ F#' C# =1' /=C' D$ 0 C%"" ='$C ' 2 "%#C $.D%"/ 1' N# 2 "=' C .1F 1' DFC D=$ I C' /=' /=0 I F"/='$ 2=#$ 2 K=$1.'-' N# 2 " .1F 1' "#22= I ="1' ="' D%C 1 %"' /=' 2=' <F $=-' N# 2 " F&F 1' F#E#"' E$./ 1S' N# 2 F&F 1' C=#2= I ="1' <F 1' ="1="/$=' O 2 = I D=$=#$' N#=' 2F I C=' ="' 2 K=$1.' /=' E=C' I =CC =#$C D$%/# $F 1' #"' 1$QC+K%"' =<<=1' F#' E%"E 2=S' N# ="1$=' F#1$=C-' D%#$ 2 .&cN#=' /=' F"/-' 2 O C1% $=' /=' 2F 2.J c"' / O%""=#$' F&F 1' <%$1 $$ 1.' 2 = I D=$=#$ ' F C' =' 2# ' / C' S d %"C= J"=#$-' E=11=' F<<F $=' /F1=' /. M' /=' K ="' 2% "-' =1' 2 F$$=C1F1 %"' =C1' &="#=' C ' M' D$%D%C' F#' I % I ="1' /#' E%"E 2=' N# 2 =C1' / << E 2=' %#' I Y I =' I D%CC K2=' /=' D=$C#F/=$' F#' D#K2 E' N# 2C' <#CC="1' ="<=$ I .C' D%#$' / F#1$=C' C# =1C' N#=' 2=#$' %D " %"' /F"C' 2F' E% I I CC %"' S E=' N# ' &F' M' 2 FD0 D# ' /=' E=2F-' I %"C= J"=#$-' E =C1' N#=' < =C' .&YN#=C' /=' $%&=C' =1' /=' %#$"F ' C%"1' F$$Y1.C' N#% N# 2C' F ="1' 2F' E$% W' / O%"0 "=#$ ' 5 6 ' 2 "=' C#1' I =' $ ="' $.D%"/$=' M' E=11=' %K =E1 %"' ' d F C-' 2# ' / C+ =-' I %"C= J"=#$-' && 2M' #"' I % I ="1' K ="' <F&%$FK2=' D%#$' DF$2=$' /=C' D$ C%"" =$CS' #"=' /= I F"/=' <F 1=' ="' 2=#$' <F&=#$' DF$' 2=' E%$DC' .D CE%DF2' 1%#1' ="1 =$' C=$F' / #"' J$F"/' D% /C ' J 2 I FCC#$F' N#=' C%"' F& C' .1F 1' N# %"' "%' < 1' DFC' #"=' DF$= 22=' /=0 I F"/=' N# ' C]$= I ="1' "=' $.#CC $F 1' DFC ' 6 'd:=' "=' D# C' DFC' / $=' C 2 C .2Q&=$F' N#=2N#=C' &% W' D%#$' =#W' $ C ' E=2F' F$$ &=-' =' "=' 2=C' E% I KF11$F ' DFC ' F C' ="E%$=' #"=' <% C' E =C1' E%"1$=' I %"' F& C-' C 2 ="' =C1' N#=C1 %" ' 5 :=' 2# ' / CS' d F C' C ' 2=' EF$/ "F2' "%#C' F' ="JFJ.=C' M' &%#C' D$ =$' / %#&$ $' 2 F& C' ="' <F&=#$' /=' &%C' E%"0 <Q=C ' 5 2 "%#C' DF$#1' 1$QC+=<<$FL.' N#=' 2=' EF$/ "F2' "%#C' =] 1' DF$2.' /=' E=' N# 2 F&F 1' / 1' M 2 = I D=$=#$-' "%#C' $.D .1F"1N# 2 C=$F 1' 1$QC+' <bEO.' N#=' E=2F' <] 1' E%"'#' $ 2 "%#C' / 1' ="1$=' F#1$=C' EO%C=C' N#=' C ' N#=2N# #"' D%#&F 1' .2=&=$' 2F' && W-' E .1F 1' C' 2=' EF$/ "F2' E% I I =' D$.C /="1S' =' 2# ' $.D2 N#F ' í d F C-' I %"C= J"=#$-' ' 2=' EF$/ "F2' "%#C' F' $="&%L.=C' M' &%#C-' &%#C' "%#C' $="&%L=X' M' 2# -' N# ="' <F#1+

- 2' E%"E2#$=g5- F' 1F"1=' 2# ' %K =E1F' N# FLF"1' #"' <FE 2=' FEEQC' F#D$QC' /=' 2 = I D=$=#$-' 2' D%#&F 1' I =#W' N# #"' F#1$=' "1=$E. /=$' D%#$' C=C' E%"<Q=C ' 2' $.D%"/ 1' N# 2' .1F 1' K ="' 2% "' /=' D%#&% $' DF$2=$' M' 2 = I D=$=#$' N#F"/' 2' &%#2F 1S' N# M' 2F' &.$ 1.' 2 = I D=$=#$' F F 1K ="' &%#2#' 2 F/ I =11$=' N#=2N#=<% C-' =1' N# F2%$C' 2' F&F 1' / CE#1.' F&=E' 2# -' =1' N# 2' E$%LF 1' /=&% $' E=11=' <F&=#$' M' E=' N# 2' " F&F 1' F I F C' EFEO.' 2F' &.$ 1.' M' 2 = I D=$=#$-' FLF"1' C% "' C=#2= I ="1' / L' I =11$=' 2=C' <%$ I =C' E%"&="FK2=C ' d F C' &% E ' 2 = I D=$=#$' DF$1 ' D%#$' F I K%# 22=1S' =' " F ' D2#C' 2=C' ="1$.=C-' / F 22=#$C' E =C1' <%$1' 2% " ' 6 ' F C-' I %"C= J"=#$-' 2# ' / C+ =' ="E%$=' #"=' <% C-' E% I I ="1' 1%#C' 2=C' .&YN#=C' "Q' C=' $.#" CC="1+ 2C' DFC' D%#$' /= I F"/=$' 2F' 2 K=$1.' /=C' /.1="#Cg' #1$=<% C-' E% I I =' &%#C' /=&=X' &%#C' 2=' $FDD=2=$-' I %"C= J"=#$-' 2' " L' F&F 1' DFC' #"' E%$DC' N# ' " =]1' $.E2F I .' ="' DF$= 22=' E $E%"C1F"E=' =1' N# ' " =]1' $=JF$/.' E=2F' /=' C%"' O%"0 "=#$ ' 6 ' # -' E=2F' =C1' &$F -' I =' / 1+ 2-' I F C' E=' N# ' C=' <F CF 1' F#1$=<% C' "=' C=' <F 1' D2#C ' J D$QC' N#=2N#=C' D%#$DF$2=$C' "C J" 0 < F"1C' "%#C' 2=&b I =C' 2F' C.F"E=-' %a' 2' "%#C' <#1' K ="' /. I %"1$.' N# 2' " L' F&F 1' $ ="' M' F11="/$=' /=' 2 .&cN#=' /=' ! F"1=C

=' %#$+2M' I c I =' =#1' /%"E' 2 =#' E=11=' <F I =#C=' E%"J$.JF1 %"' %a' 2=' EF$/ "F2' D$%D%CF' /%' $="%#&=2=$' 2=C' C=E$.1F $=C-' D$% I %0 1=#$C-' =1E ' d F CE% I I =' 2=' CE$#1 "' C=$F 1' 1$%D' 2%"J-' =' &F C-' I =CC= J"=#$C-' F&=E' &%1$=' K%"' D2F C $-' 2=C' "% I I =$S' 5 E=' N# ' <#1' FJ$.. ' d F' 2 C1=' .1F 1' 1%#1=' <F 1=-' =1' EOFE#"' /F"C' 2=' E%"E 2=' C=' / CF 1' i d =C1' 2 = I D=$=#$' N# ' F' "% I I .' 5 ; "1' 2F' 2=E1#$=' /#' D$= I =$' F$1 E2=' /#' D$.F I K#2=' /#' /.E$=1' N# ' <#1' FEE=D1.' S' %"' FC0 C#$=' N#=' D2#C =#$C' .&YN#=C' <#$="1' %DD%CF"1C-' ="1$=' F#1$=C' E=2# ' /=' %$/=F#W-' /%"1' =' C# C' C]$=' 8#F"1' F#' /.E$=1-' 2' " L' =#1' DFC' I Y I =' /=' / CE#CC %" ' % I I =' =22=' F22F 1' E% I I ="E=$-' C ' 2 .&Y0 N#=' /=' 72F CF"E=-' D$% I %1=#$-' / 1S' d 2' =C1' "#1 2=-' I =CC= J"=#$C-' / %#&$ $' 2F' / CE#CC %"' C#$' #"' C# =1' N# ' F' .1.' F/%D1.' DF$' 1%#C' 2=C' .&YN#=C ' 5 2%$C ' %"' F' D$%E./.' F#' $=E="C= I ="1' /=C' &% W-' DF$

,B) 7 9 ' :4 ;

FCC C' =1' DF$' 2=& .S' 2' DF$FZ1' E%"C1F"1' N#=' 2=' C#<<$FJF"1' / =' #"C0 1=$' C=#2' C =C1' D$%"%"E .' E%"1$=' 2=' / .E$=1 ' ' D= "=' E=11=' <%$ I =' $= I D2 =-' %"' F' ="1%"". ' 2=' #¯ ! ' =1' EOFE#"' C =C1' ="' F22. ' (: %#K2 F C' / =' / $=' N#=' E=11=' C.F"E=' F&F 1' .1.' %#&=$1=' DF$' 2F' 2=E1#$=' N#=' < $="1' 2=C' F$EO=&YN#=C' / =' %#$C' =1' / =' #$ "' / =' 2F' ".J%E F1 %"' / =' F&%"=-' 2=' D$= I =$' ="' <$F"PF C-' 2=' / =#W Q I =' ="' 1F2 ="S' E=11=' 2=E1#$=' FEO=&.=-' 2F' C.F"E=' F' / #$.' M' D= "=' #"' N#F$1' / O=#$= ' =' E%"E 2=' " F' DFC' =#' C=#2= I ="1' 2F' 2 K=$1.' / =' "% I I =$' 2=C' / .D#1.C' N# 2' / % 1' ="&%L=$' F#' DFD=S' 2 = I D=$=#$' C=#Z' F' &%#2#' <F $=' E=' EO% W

GGG ;

: 9 ,N, ' ,9L,, <,8 ' &4' > 9 : &,L : 9$' <%! ! %L$, : 9' ' 8 $! % , ' ' # ' ' ' > 9 : %< 4 ! 8, : 9

(= I %$ =' / ' $=2 J %"=' / ' I %$F2=' =' / ' 2=11=$F1#$F

%/="F' ' D=$' J2' =$=/ ' C%2 F"')* \

' #F"1r' $ J#F$/F-' 2' C#%' & FJJ %' (/ =2' F$2=12 -' 2F' C#F' / I %$F' "' $F"E F-' =' N#F"1r' %D=$r' "' N#=2' E%"E 2 %' (/ =2' * ' E ' &="" =' I "#1F I ="1=' =CD%C1%' /F' 2# ' C1=CC%' "' / =E %11%' 2=11=$=' I D%$1F"1 CC I =' EO=' J="12 2 I ="1=' E +&="" =$%' E% I I #" EF1=' "' E%D F' =' EO=' I #21F' 2#E=' CDF$J%"%' C#' N#=2' <F I %C%' F&=" I ="2% ' =$ 1=$=KK=$%' =CC%' / ' =CC=$=' D=$' =C1=C%' $ D%C1F2=' =' D=$' 2=' E%C=' EO=' "F$$F""%' =' D=2' I %/%' I =/%$ I %' #"' =# ' C%"%' C1=C= ' 6' F' M' "%"' / 2#"JF$E ' C%&=$EO F I ="1=' E ' 2 I 2F$= I %' F/' =D 2%JF$2=-' $FEE%J2 ="/%"=' N#F"1%' D#r' $ J#F$/F$' 2F' C1%$ F' =' 1%$"F$=' "' FEE#"E %' C#22F' & 1F' /=2' D$=2F2%' C2=CC% ' (;% ' G -' D '))

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3 ' ' 8_ 9 -

DFJ=C

8) ' G ; ' < ' ' # 8#5)' ' O' 7$% =1C /=' 2= I D=R' $=F$ ' 6' 4' &=#1' C#$1%#1' "1 I /=$' 2=' E2= m.' <$F"PF C' ' /$=CC=' L%1.=' DF$' 2=' E2 FD4$=' I .1$%D%2 1F '" /=' 7F$ C ' 6' DD%C 1 %'" /=' 7FKK.' I =$L ' 6' F/$=CC=' =C1' D$.C="1.=' =1' 2#=' M' 2 = I D=$=#$' F#1$= I ="1' N# =22=' " F&F 1' .1.' &%1.=' 6' .D%"C=' /=' 2 = I D=$=#$' F#' EOFD 1$=' 6' ! % I K$=#C=C' F/O=0 C %"C' ="&%L.=C' / 1F2 =' M' 2 F/$=CC=' /# EOFD 1$=' /=' 7F$ C ' 6' 22=C' C%"1' C#$1%#1' D$%&%N#.=C' D%#$' FJ $' C#$' 2 =CD$ 1' /# DFD=' M' F&%"=' 6' =C1 I =' /=' 2 = I D=$=#$' D%#$' 2=' E2=$J.' <$F"PF C' <%$1' ="1F I .=' DF$' 2F' E% I D2F CF"E=' /%"1' F' <F 1' D$=#&=' 2=' EOFD 1$=' /=' 7F$ C ' 6 2' C%"J=' M' $.J2=$' DF$' &% =' 2.J C2F1 &=' 2=C' N#=C1 %"C' D=" /F"1=C' F&=E' 2=' CF "1+C QJ=R' 6' %#$/=' %DD%0 C 1 %'" /=C' I = I K$=C' 2=C' D2#C' E%"C /.$FK2=C' /=' C%'" E%"C= 2 / 1F1 ' 6' "E=$1 1#/=C' /=' 2 = I D=$=#$' 6' 2' "=' &=#1' DFC' N#=' 2=' D#K2 E' C %EE#D=' ='" F#E#"=' <Fm"' /=C' F<<F $=C' $=2 J =#C=C' 6' 2' .& 1=' /=' DF$2=$' %[E =22=' I ="1' /=' 2F' EFD1 & 1.' /# DFD=' =1' /# K$=< F""#2F"1' 2F' "% I "F1 %'" /# EF$/ "F2' F#$L' M' FEO=&QEO.' /=' 7F$ CS' 2' D$=CE$ 1' M' E=1' .JF$/' 2=' D2#C' E% I D2=1' C 2="E= d

8) ' G ; ' D .# ! 1 ' ' # # ' ' 6' = I D=$=#$ = I KF$0 $FCC.' C%"J=' M' E%"&%N#=$ #'" E%"E 2=' "F1 %"F2-' =1' &=#1' F#DF$F&F"1' E%"C#20 1=$' #"=' E% I I CC %'" / =EE2.C FC1 N#=C' 6' % I D%C 1 %'" /#' D$= I =$' E% I 1.' =EE2.C FC1 N#=' D$.C /.' DF$' 2=' EF$/ "F2' =CEO' 6' 3 CD%C 1 %"C' FE1#=22=C' /# EF$/ "F2' =CEO' 6' 2' " F' DFC' J$F"/' E$./ 1' C#$' 2F' E% I I CC %'" N# 2' D$.0 C /= 6 F#$L' ="1 Q$= I ="1' / CE$./ 1.' 6' mFKK.' I =$L' C=' 1 ="1' &%2%"+

,

1F $= I %"1' M' ; EEF$1' 6' F$FE1Q$=' =1' "<2#="E=' /=' Z2 ' /=' F$$F -' F$=K=+' xN#=' /=' %#$C ' ' 3#&% C '" ' .&YN#=' /=' ! F"1=C 6 "mm1 %"C D%C.=C' M' F' D$=' I Q$=' E% I I CC %'" =EE2.C FC1 N#=' 6' I KF$$FC' /=' 2F' E% I I CC %'" N# ' &%# / $F 1' "=' DFC' 1$%D' I .E%"1="1=$' 2 = I D=$=#$' = I D=$=#$' =W J=' /=C' $.D%"C=C' <%$ I =22=C' F#W N#=C1 %"C' N# 'Z' F' D%C.=C' 6' % I D2F CF"E=C' "< " =C' /=C' .&YN#=C' M' 2 .JF$/' / "' EO=<' /=' 2 = I D $=' 6' :#J= I =''1' D%$1.' DF$' 2 FKK.' $%=$1 O'$' 2=C' $.D%"C=C' /=C' .&YN#=C' 6' =E%"/=' E% I "mCC %" =EE2.C FC1 N#=' FKK.' /=' 7$F / 1=" ' <F 1' DF$1 =' 6' =' N#=' 2 = I D=$=#$' D="CF 1' /=' 2#' F&F"1' /=' 2=' "% I I =$' F$EO=&YN#=' /=' F2 "=C' =1' C%"' D$=' I =$' F# I Y" E$ ' "C1" E1 %"C' $= I C=C' M' 2F' C=E%"/=' E% I I CC %'" EEE2.R' C FC1 N#=' 6' 3.E=D1 %'" /=' 2 FKK.' I =$L 6' Z' =CDQ$=' 1$%D' /=' 2F' <=$ I =1.' /=' C=C' E%2QJ#=C' 6' .D%"C=C' /# E% I 1.' 6' Z' =C1' C%2="'"=22= I ="1' FDD=2.' F#W # 2=$ =C' 6' ; %2="1=' / F1$ K=' /=' ! FD%2.%'" E%"1$=' 7 =' ; ' 6' ' "1=$D=22=' / $=E1= I ="1' 2 FKK.' I =$L ' 6' .D%"C=C' <=$ I =C' =1' .OJ"=C' /=' 2 FKK.' I =$L ' 6' = I D=$=#$' =' DF$FZ1' <$FDD. ' 6' Z' 1$F 1=' 2 FKK.' I =$L' F&=E' K=F#E%#D' /=' E%"C /.$F1 %" ' 6' Z' C=' / .E /=' M' ="&%L=$' M' F&%"=' 1$F 1=$' F&=E' 2=' DFD=' 6' %$1' /=' 2 FKK.' I =$L ' \

C 7' G ' ! .%%E %! ' · #' < 5 ' ; ' ' & · ' 6' F2J$.' 2 %DD%C d' 2 %'" /=' 2 FKK.' I =$L-' 2 = I D=$=#$' D=$C C1.' /F"C' CEC' /=CC=" C' 6' 3=D#' C' 2F' I %$1' /#' / $=E1=#$' /=C' #2D E1="C-' Z' " L' F&F 1' D2#C' /F"C' 2=' E2=$J.' /=' $F"E=' D=$C%""=' EFDFK2=' /=' " ' $.C C1=$' ="'" <FE=' 6' ./FE1 %"' C "J#0 2 Q$=' /=' 2F' 2=11$=' /=' E%"&%EF1 %'" F"' E%"E 2=' 6' 22=' F' D%#$' K#1' / "1 I 0 /=$' 2=' DFD=' 6' ! FD%2.%'" /.E /=' 2=' EF$/ "FZ' =CEO' =1' 2#C' D$ "E DF#W / J" 1F $=C' /=' 2 J2 C=' M' .E$ $=' M' 7 =' ; ' 6' ="=#$' /=' E=C' 2=11$=C' 6' ' /=' F$$F -' 3#&% C '" =1' F" FL' ="&%L.C' %C1=FC K2E I ="1' =''' /.D#0 1F1 %'" M' F&%"=' F#' "% I ' /#' E2=$J.' /=' $F"E=' F&=E' /=C' D%#&% $C' C=E$=1C' /=' ! FD%2.%'" D%#$' 1$F 1=$' F#' K=C% "' F&=E' 2=' DFD=' 6' =#$C "C1$#E0 1 %"C' 6' 2C' %"1' %$/$=' /=' C ="1="/$=' F&=E' ' /=' OFK$%2' D$.<=1' /=' %"1="%11=' 6' =C1' /F"C' 2F' E%$$=CD%"/F"E=' /=' ' /=' OFK$%2' N# 'Z' <F#1' EO=$EO=$' 2F' &.$ 1.' C#$' 2=' /.1F 'Z' /=' E=' N# ' C =C1' DFCC.' M' F&%"=

8) ' A ! @,, ' > ' ' o ' 6' 1F1' /=' C.N#=C1$F1 %'" FKC%2#=' %a' C=' 1$%#&F 1' $./# 1' 7 =' ; ' F# I % I ="1' /=' 2 F$$ &.=' /=C' .&YN#=C' M' F&%"=' 6' Z' C=' < JE $=' N#=' 2=' E%"E 2=' F' .1.' E%"&%N#.' D%#$' 2=' #J=$' 2=C' .&YN#=C' 2=' $FCC#$="1' 6' 7$= I Q$=' F#/ ="E=' FEE%$/.=' F#W .&YN#=C' 6' =E%"/=' ="1$=&#=' D2#C' <F I 2 Q$=' 6' =' DFD=' C=' D2F "1' 1$<c+D=#-' =1' DF$2=' /=' $= I D=$=" $' F&=E' F<2=E2 %"' 6' =D="/F"1' Z' C=' $=<#C=' M' $=E%#&$=$' CF' 2 K=$1.' F#W E%"/ 1 %"C' N#' 2#' C%"1' "/ N#.=C' E% I I =' "/ CD="CFK2=C' DF$' 2=C' .&YN#=C' 6' =C' .&YN#=C' 1. I % J"="1' D=#' / =CD% $' /=' $.#CC $' /F"C' 2=#$' I CC %" 6' "1=$&="1 %'" /% ' /=' OFK$%2 6 ' .1FK2 1' /=C' "1=22 J="E=C

,B\

7FJ=C

/F"C U 4.$' #$ /=' O' I F C%"' /# CFZ"1mDQ$=' =1' FEOQ1=' C%"' I ./=E "' 6 EC ="1$=&#=C F&=E 7 E' ; 4 ' 6' 1' /=' OFK$%Z =C1' /mF& C N# Z <F#1' C#$0 1%#1' FJ $' C#$' 2F C="C K 1 1.' /=' 7 =' ; 1' 6' F"JFJ=' N# Z 2#' 1 ="1' 6 =' DFD=' ="' =C1' =W1$Y I = I ="1' 1$%#K2. ' 6'))1% I K=' I F2F/=-' =1' /=& ="1' C% I K$=' 6' ' /=' OFK$%Z $=/%#K2=' C=C "C C1F"E=C ' m ' =' DFD=' EQ/=$ Z E%#C="1' M' $=E=&% $' E%D =' / #"' .E$ 1' E% I D%C.' C%#C CECm#W-' N#' E%"1 ="1' 2=C' E%"E=CC %"C / FK%$/d $=<#C.=C DF$' 2#' 6' =' 2=1 %mFZ"' /#' /.DF$1' /=C .&YN#=C-' 2=' DFD=' <F 1' &=" $' ' /=' OFK$%Z D%#$' 2#' / $=' N# Z F D$.&F$ N#.' ="' FEE%</F"1' 2=C F$1 E2=C = I D%$1.C DF$' 2=C .&YN#=C-' N# Z C= $.1$FE1=-' =1' <=$F' #"' .E2F1' C ' 2 %"' ="' <F 1' #CFJ=' 6' Z "=' /%$1' D2#C-' "=' DF$2=' D$=CN#=' D2#C' =1' 1% I K=' /F"C' #"=' E% I D2Q1=' FKC%$D1 %"' 6' ' ".' I /EE "' /=' 7 =' ; ' $=/%#1=' D%#$' 2#' #"=' E$ C=' / LD%E%#/$ E' 6' 8#=2+' N#=C %#$C' FD$QC-' ' /=' OFK$%Z .E$ 1' N#=' 2 .1F1' / d5; I %1' + ' ' =C1' DFCC.S' I F C' 2=' DFD=' "=' &=#1' 1%# %#$C' D2#C' 1% I K=$' / FEE%$/' /=C' F$0 1 E2=C' D$ I 1 &= I ="1' E%"&="#C' 6' I KF$$FC' =W1$Y I =' /=' 2 = I D=$=#$ M 2F' &= 22=' /=' 2 %#&=$1#$=' /# E%"E 2=' 6' Z D$="/' 2=' DF$1' /=' $F %#$"=$' /=' N#=2N#=C %#$C ' ') s

P4 "' A ! @ , , , ' ! ' # # ' ' 6' 3 CD%C 1 %"C /=' 2 = I D=$=#$' & C+ M+& C /# E2=$A.' F# I % I ="1' /=' 2F' E%"&%EF1 %"' /#' E%"E 2=' "F1 %"F2' 6')) EO=$EO=' C#$1%#1' M' 2 "1 I /=$' 6' EQ"=' <F 1=' M' 2 .&QN#=' /=' .=X M 2="0 P%"' 6' Z %K2 J=' ' /%' < % C+ O%22E1' M' /%"'="=$' CF' /. I CC %"' 6' $$=C1F0 1 %"' /=' 2 FKK.' =' F22% C' =1' CF' /.1="1 %"' M' ; "E="'="=C' 6' =DF$1 =' I .0 D$ CF"1=' /=' 2 = I D=$=#$' M' /=' $%J2 =-' .&=N#=' /=' F#/' 6' .#" %"C D$.2 I "F $=C' /=C' .&YN#=C EO=$-' 2=' EF$/ "FZ' ECEO-N '$=<#C=' / Y1$=' D%$1.' M' 2F' D$.C /="E=' /#' E%"E 2=' DF$' C=C' E%22QJ#=C-' =1' $=&=" / N#=' E=1' O%"'"=#$ E% I =' 2#' FDDF$1="F"1' /=' /$% 1' 6' F E% I D%C 1 %"' /#' E%"E 2=' /=' 22' "=' #C1 2=' DFC' 2=' 1 1$=' /=' E%"E 2=' "F1 %"FZ' N#' 2#' =C1' "/] I ="1' FDD2 N#. 6' %#&=$1#$=' /#' E%"E 2=' =C1' D$.E./.=' DF$' $%#&=$2 $=' /=' 2F' C=CC %"' 2.J C2F1 &=' 6' 7F$%2=C' F/$=CC.=C' DF$' 2 = I D=$=#$' F#W' /.D#1.C' /=' 2F' "F1 %"' $=2F1 &= I ="1' F#W F<<F $=C' /=' 2F' $=2 J %"' 6' 22=C' "/ CD%C="1' 2=C' .&YN#=C /#' E%"E 2=' 6' 7$= I Q$=' C=CC %"' /#' E%"E 2=' 1=$"' =' D#K2 N#= I ="1' M' 1%1$=+' 3F I =' I6 3 CE%#$C' /% 2 .&YN#=' /=' $%L=C' 6' =$ I ="1' / %K. CCF"E=' F# DFD=' D$Y1.' DF$' 1%#C' 2=C' I = I K$=C' /# E%"E 2=' 6' #$D$ C=' ="1' I .E%"1="0 1= I ="1' /=' 2 = I D=$=#$' 6' =D$%EO=C' N# Z F/$=CC=' F# EF$/ "FZ' =CEO 6' 4 ="&%' =' 2=C' I " C1$=C' /=C' E#21=C' /% $F"E=' ="1' / 1F2 %' %#' N#F2 1.' /=' E% I I CCF $=C' $%D.E F#' F#D$QC' /# E%"E 2=' 6' =CCFJ=' 2#' DF$' ' J%1' /=' 7$.F I ="=#' 6' % I =CCFJ=-' D2= "' / FEE#CF1 %"C' & %2="1=C' E%"1$=' 2% DFD=-' =11=' 2F' E%"C1=$"F1 %"' DF"/' 2=C' I = I K$=C' /# E%"E 2=' 6' ! % I "F0 1 %"' DF$' 2F' &% =' /# CE$#1 "' /=' D2#C =#$C' E% I I CC %"C' EOF$J.=C' /=' D$.DF0 $=$' 2=C' 1$F&F# d' /# E%"E 2=' 6' =C' EO% W <F 1C' #E' C%#Z' D#C' E=# W N# F#$F 1

; '

DE ‘ (%7 ,

/ .C $.C’ = I DE$E#$’ 6’ "C1$#E1 %"C’ N#R 2’ F/$=CC=’ DF$’ .E$ 1’ F $m I " C1$=’ /=C’ E#21=C’ /=’ $F"E=’ 6’ ! FD%2.%"’ &=#1’ $=C1=$’ I F 1$%’ /=C’ / .2 K.$F1 %"C’ /#’ E%"E 2=$’ 2’ ="1="/’ " L’ $ ="’ 2F CC=$’ I =11$=’ ="’ / CE#CC %"’ N# F&=E’ C%"’ FCC="1 I ="1-’ =1’ D$=CE$ 1’ ="’ 1%#1’ E=’ N# ’ $=JF$/=’ 2=C’ F<<F $=C’ $=2 J =#C=C’ 2=’ D2#C’ FKC%2# C 2="E= @ ’)

c 7 ’ G G’ ! ’ # # ’ ’ 6’ =’ E%"E 2=’ E%"&%N#.’ ="’)*))’ dl 7F$ C’ " =C1-’ M’ D$%D$= I ="1’ DF$2=$-’ " ’ #"’ E%"E 2=’ nE# I ." N#=-’ " ’ #"’ E%"E 2=’ "F0 1 %"F2 ’ 6’ #E#"’ D$.E./="1’ O C1%$ N#=’ ="’ 2#’ .1F 1’ FDD2 EFK2= 6’ C 1#F’ 1 %"’ "E% I I %/=’ /=’ 2 = I D=$=#$ ’ 6’ 2’ E CDK$% / $ J=$’ 2=’ E%"E 2=’ CF"C’ 1$%D’ DF$F 2$=-’ J$bE=’ ’ 2 "1=$ I ./ F $=’ /=C’ D$.2F1C’ N#’ 2#’ C%"1’ / .&%#.C-’ =1’ DF$1 E#2 Q$= I ="1’ /=’ 2 .&=N#=’ /=’ ! F"1=C-’ ’ 3#&% C " ’ 6’ .#" %N’ /=’ 2F’ E% I I CC %"’ /=’ 2 F/$=CC= 6’ ’ 3#&% C "’ L’ D$%/# 1’ #"’ D$% =1’ / F/ ECCE’ N# ’ 2’ F’ D$.F2FK2= I ="1’ C%# I C’ ’ 2 = I D=$=#$ ’ 6’ 1%"’ "= I ="1’ /=’ 2F’ E%$"+’ I 1 CC %"’ N# ’ C FD=$P% 1’ N#=’ ! FD%2.%"’ &=#1’ /QC’ 2=’ / .K#1’ 2F’ E% I D$% I =11$=’ /F"C’ CF’ N#=$=22=’ F&=E’ 2=’ CF "1+C QJ=’ 6’ DD% C4 %"’ /=’ ’ /% $%J2 = 6’ =’ D$% =1’ / F/$=CC=’ =C1’ <%$1’ I %/ < .’ DF$’ 2F’ E% I I CC %" 6 2’ =C1’ ="E%$=’ D "C’ I F2’ FE="= 22 ’ /F"C’ 2F’ E%"J$.JF1 %"’ J." .$F2=’ 6’ %1 %"’ /% 2 .&.N#E’ /% OF I K.$L’ D%#$’ N#% 2=’ E%"E 2=’ F 22=’ /= I F" /=$’ ="’ E%$DC ’ ! FD%2.%"’ 2F’ 2 K=$1.’ /#’ CF "1+DQ$=’ 6’ =’ EF$/ "F2’ =CEO’ C %DD%C=’ M’ E%11=’ / . I F$EO=’ E% I I =’ "%DD%$1#"=’ 6’ =’ D$% =1’ / F/$=CC=’ =C1’ / CE#1.’ F$1 E2=’ DF$’ F$0 1 E2=’ 6’ "’ =’" $=1$F"EO=’ 1%#1’ E=’ N#’ E%"E=$"=’ 2F’ K#22=’ / =WE% I I #" 0 EF1 %"’ 6’ "C ’ I %/ < .’ =1’ D$=CN#=’ / ." F1#$.-’ 2’ =C1’ FEE=D1.’ DF$’ FCC C’ =1’ 2=&.’ 6’ %2Q$=’ /=’ 2 = I D=$=#$’ N#’ "% &=#1’ D "C’ $=E=&% $’ 2 F/$=CC=’ 6’ 2’ =W J=’ N# %"’ C %EE#D=’ =WE2#C &= I ="1’ /F"C’ 2=’ E%"E 2=’ /=’ 2F’ $.D%"C=’ M’ C%"’ I =CCFJ=’ 6’ EQ"=’ <F 1=’ DF$’ ! FD%2.%"’ M’ DO C =#$C’ .&.N"=C’ N#’ CE’ C%"1’ $="/#C’ C%2. I ="1’ M’ 2F’ E%#$ ’

8) ’ ! ’ ! ’ # # ’ ’ 6 1#F1 %"’ $.E D$%N#=’ /=C’ DF$1 C’ F# C= #/#’ E%"E 2=’ "F1 %"F2 ’ 6’ = I D=$=#$’ " F#$F 1’ DFC’ &%#2#’ /%"’ "=$’ 2=’ C J"F2’ / #"’ CEO C I =’ 6’ =C’ .&.N#=C’ N#’ D$="F =" I %1’ / %$/$=’ "=’ 2 F#$F =" 1’ DFC’ C# &’ #CN#=+2M-’ =1’ 2’ 2=’ CF&F 1’ 6’ = I D=$=#$’ C%#OF 1F 1-’ M’ D$%D%C’ /=’ 2 "C1 2#1 %"’ EF"%" N#=-’ %K1=" $’ /=’ 2F’ I F %$ 1.’ /#’ E%"E 2=’ #"’ &%1=’ N#’ %K2 J=$F 1’ 2=’ DFD=’ M’ 2#’ E. /=$ 6 =C’ %DD%CF"1C’ "%’ &%#2F =" 1’ . I =11$=’ F#E#"’ &%1=’ F&F"1’ /=’ E%"’ "FZ1$=’ M’ E=1’ .JF$/’ 2=C’ "1=" 1 %"C’ /#’ C%#&=$F "’ D%"1 <=’ 6’ F’ E% I I CC %"’ /#’ I =C CFJE =C1 =" J$F"/=’ DF$1 =’ E% I D%C.=’ /=C’ DF$1 CF"C’ /#’ CF "1+DQ$=’ 6’ 7$= I Q$=’ C.F"E=’ ĩ ’ 3#&% C "’ CE’ / 1’ EOF$J.’ /% 2F’ DF$1’ ĩ2=’ 2 = I D=$=#$’ /=’ / = I F"/=$’ M’ 2F’ E% I I CC %"’ ĩ)-’ /=’ / .E2F$=$’ 2=’ E%"E 2=’ E% I D.1=#1’ D%#$ D$%"%"E=$’ C#$’ 2F’ I F1 Q$=’ /=’ 2 "C1 +’ 2#1 %"’ EF"%" N#=’ CF"C2 "1=$&=#1 %"’ /# DFD=$’ -’ /=’ D%#$&% $’ D$%& C% +

7FJdRC

$= I ="1' M' 2 "C1 1#1 %"' /=C' .&%N#=C' "% I I .C' 6' 3=# y I =' C.F"E=' i
' / & F#' $=D%#CC=' 2F' D$= I Q$=' D$%D%C 1 %" ' 6' 4' =C1' FDD#L.' DF$' ' /='
$%J2 =' 6' ' #&% C '" &=#1' <F $=' D%C=$ 2=' EFC' / #"=' =W1$. I =' ".E=C0
C 1. ' 6' F' 1$% C Q I =' C.F"E=' =C1' %#&%$2=' DF$' 2F' / .E2F$F1 %"' /=' ' J% '
N#=' $= I D=$="$' &=#1' #"=' $.D%"C=' I I ./ F1=' M' 2F' N#=C1 %#' D%C..=' DF$'
' #&% C "' 6' F' I F %$ 1.' /=' 2F' E% I I CC %"' C=' / .E2F$=' "E% I D.1="1=
6' =' EF$/ "F'Z' 7=CE4' D%$1%' E=11=' / .E C %"' M' F "1+b2K#/' 6' %2Q$=' /%
$=" D=$=#$' 6' 2' C% EF2 I =' D=#' M' D=#.-' =1'/ E1=' -' C.F"E=' 1="F"1=-' #"' D$%0
=1' /% / .E$=1-' %a' ' =C1' &FJ#= I ="1' N#=C1 %"' /% $FCCE"2 I ="1' N#=' 2='
DFD=' F#$F 1' /%"'".' F#' D$% =1' /=' = I D=$=#$' 6' = I D=$=#$ "%C=' DFC' ="'
/ $=' /F&F"1FJ=-' DF$E=' N#=-' / FD$QC' 2=C' 2=11$=C' $=" =C' /=' F&%"=-' 2=' DFD=-'
N#% N# M' D=#' D$QC' $.1FK2 -' "=' C= I K2=' DFC' ="E%$=' / CD%C.' M' $=E%""FZ1$='
2F' &F2=#$' /=' 2 =CDQE=' / ="JFJ= I ="1' F#N#=2' 2' F&F 1' "FJ#Q$=' E%"C="1
F' I F %$ 1.' /=' 2F' E% I I CC %"-' M' $= E%D1 % ' /=' ' / & F#' =1'/=' ' /='
$%J2 =' -' FEE=D1=' 2=' D$% =1' /=' / .E$=1' I D.$ F2' 6' 22=' C=' $.1$FE1=' 2=' 2="0
/= I F "' ' =11=' /.1=$ I "F1 %"' D$%& ="1' C#$1%#1' /=' E=' N#=' 2=C' .&YN#=C'
"=' E$% ="1' DFC' M' 2 FCC#$F#E%' N# %"' 2=#$' /%""=' C' 1 I /= I ="1' /#' E%"C="0
1= I ="1' /#' CF "1+DQ$=' 6' = I D=$=#$' &=#1' / CC%#/$=' 2=' E%"E 2=' 6' 2'
F %#$"=' #CN# FD$QC' 2F' $.#" %"' /=' 2F' E%"J$.JF1 %"' J."."$F2=' 6' FD0
D%$1' /=' ' $"' M' 2F' E%"J$.JF1 %"' J."."$F2=' 6' F' / CE"CC %"' =C1' $= I C='
F#' 2="/= I F "' 6' =' 2="/= I F "' 2=' E%"E 2=' =C1' / CC%#C' 6' $$=C1F1 %"' /=C'
.&YN#=C' /=' F"'/-' /E $%LEC' =1' /=' %#2%J"= 6' F$$=C1F1 %"' /=C' 1$% C'
.&YN#=C' EF#C=' #"=' J$F"/=' . I %1 %"' 6' = I D=$=#$' C%"J=' M' C F/$=CC=$'
F#' %$DC' 2.J C2F1 < 6' F C' 2' $="%"E=' M' E=11=' /.=' C#$' 2 F& C' /%""."' DF$'
' /=' OFK$%2' N#=' 2=' DFD=' =C1' 1%#1' M' <F 1' $.1FK2 ' =1' C=' I %"1$=' / CD%C.' M'
$=&=" $-' I %L=""F"1' /=' 2.JQ$=C' I %/]EF1 %"C-' F#W F$$F"J= I ="1C' /. '
E%"C="1 C' 6' ' J%1' =C1' EOF$J.' /=' &% $' =1' /=' $F I ="=$' #"' M' #"' 2=C'
.&YN#=C' 6' 2C' EQ/="1' D$=CN#=' 1%"C' 6' 3. I F$EO=C' "#1 2=C' /=' I =C0
/F I =C' /=' F I =12' =1' /=' #$F1-' D%#$' %K1=#' $' /#' EF$/ "FZ' =CEO' =1' /=
2 .&YN#=' /% ! F"1=C-' N# 2C' $.E2F I ="1' 2F' I C=' ="' 2 K=$1.' /=C' .&YN#=C' D$ 0
C%"" ="$C' 6' .#" %"-' 2=' K' F%]1')*))-' /=C' .&YN#=C' D$.C="1C' M' 7F$ C' 6
F' 1$QC+J$F"/=' I F %$ 1.' FEE=D1=' DF$' FCC C' =1' 2=&.' 2=C' $.C%2#1 %"C' D$%D%0
C.=C' DF$' 2 = I D=$=#$ ' h*B

`

7 9 ' : 4 ;

7 2 E % 5 ' 7 2 J 5

' = I D=$=#$ M ' 2=' E% I 1=' J%1' /=' 7$. F I ="=#' (' F"& =$')* ' \

1 ' ' ' (' F"& =$')*)) ' \

% I I F $=' /=' 2 ="1$=1 ="' /=' F F =C1.' F&=E' 2= EOFD 2$E' /=' 7F$ C (I F"E =-' ' F"& =$)*)) ' \,

' 2 FKK.' I =$L' M ' J%1' /=' 7$. F I ="=#-' I " C1$=' /=C E#21=C (' <.&$ =$')*4 ' \

"C1$#E1 %"C D%#$ 2F E% I I CC %"' =EE2. C FC1 N#=' /=' *_ ' (*' <.0 &$ =$')*)) ' ' *

; ' 2 FKK.' I =$L' M' ' ! FJ=%1 ' ()*' I F$C)*)) ' *

; 4 ' ' (' F&$ 2')*)) '

; W1$F 1' /=C #C1$#E1 %"C /%"". =C 2=' F&$ 2' M ' FEO=&cN#=' /= %#$C =1' M ' 2=C .&YN#=C /=' ! F"1=C =1' /=' $Y&=C ' *,

' 2=' E% I 1=' /=' 2 FK$%2' M' ' J%1' /=' 7$. F I ="=#-' I " C1$=' /=C E#21=C ' (F&%"=-')' I F')*))) ' *`

G '2=' E% I 1=' /=' 2 I K$%2' F#' I " C1$=' /=C' E"21=C ' (F&%"=-')' I F' 2' ' ** '

G ' ' ' (F&%"= I F')*)) ' **

G ' ' ' (F&%"=-) , "F')*)) ' *

G F$EO=&YN#=' /=' %#$C' F#' I " C1$% /%C' E#21=C ' (F&%"=-')`' I F')*)) ' B

G ; '2=' E% I 1=' /% OFK$%2' F"' I " C1$=' /=CE#21=C ' (F&%"=-')`' I F')*)) ' B '

G ; ' ' ' (F&%"=-')' I F')*)) ' B,

G ; e/ -' ' ' (F&%"=-')*' I F')*)) ' B`

G ; mF$EK=&aN#E' /=' %#$C' F"' I " C1$=' /=C' E#21=C ' ( )B I F')*)) ' ' B*

G ; ' ' 2=' DFD=' F#' EF$/ "F2' =C=K ' (F&%"=-')B I F')*))' ' BB

G G 2=' E% I 1=' /=' OFK$%2' F#' I " C1$=' /=C' E#21=C ' (F&%#E-' I F')*)' s ' ,)'

' ' ' (F&%"=- ' I F')*)) ' , `

' ' ' (F&%"=-' ' I F')*)' s ' ' ,

7 QE=C DFJ=C-

GG =11$=' /=' $=$FD=$="$' F"' E% I 1=' J%1' /=' 7$.F I ="=#' (' I F' ' , *

WW" '2=' E% I 1=' /= OFK$%2F#' I " C1$=' /=C' E#21=C'(F&%"E-' ' I F' 22 ' , B'

GG ; bb)' ' ' (F&%"=-' 4' " " 2*)2 q' , B

GG; 3 CE%#$C' /=' ' J%1' /=' 7$.F I ="=#' F#' E%"E 2=' (' # "')*)) ' ,1 '

GG ; =11$=' /=' 2 = I D=$=#$' M' ' J%1' /=' 7$.F I ="=#' (*' # "')*)) ' ,)*

GG ; =' I " C1$=' /=C' E#21=C' F#' EF$/ "F2' =CEO' (,' # 22=1')*)) ' ,)*

GG; 7$%1=C1F1 %"' /=' C5J $F"P% C+:%C=DO' 2 $"-' .&YN#=' /=' %#$"F (*' # 22=1')*)) ' ,)B

GG G = I D=$=#$' ! FD%2.%"' F#' I " C1$=' /=C' E#21=C' ( )' # 22=1')*)) '

GGG' =' EF$/ "F2' =CEO' F#' I " C1$=' /=C' E#21=C' (' # 22=1')*)) ' ,)

GGG + ' ' ' (7F$ C-' \' # 22=1')*)) ' ,)

WWW" FDD%$1' /% ER' 2 F$EO=&YN#=' /=' %#$C' C#$' 2F' / .D#1F1 %"' ="&%L.=' M F&%"=' F#' I % C' /=' I F')*)) ' ' ,

' :%#$"F2' /#' E%"E 2=' "F1 %"F2' /=C' J2 C=C' /% $= I D1$%' <$F" P F C' =1' /#' $%LF# I =' / 1F2 =-' .E$ 1' DF$' E' /=' $%J2 =-' .&YN#=' /% F"/-' 7Q$=' /#' E%"E 2=' (7F$ C-' B' # "' =1' %#$C' C# &F"1C' #CN# F#')' # 22=1')*)) ' ,)

m' %"&=$CF1 %"C' /=' I F/F I =' 2F' I F$N# C=' /=' #$F1' F&=E' 2=' EF$/ "F2' =CEO-' F#' C# =1' /=' 2 F$$=C1F1 %"' /=' C%"' <Q=' -' 2 .&YN#=' /=' F"/' () # 22=1')*)) ' ' ,*\

! %1 X F' K %J$F< EF' C#' I %"C J"%$' 7=22=J$ "%' F$ F' F$2= 1 -' ; =CE%&%' / ' %"1=D#2E F"%' (%/="F-' D%$' J2' =$=/' C%2 F"')* \ S ' , ,

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